LD
146
1990/91
1898/99

THE GIFT OF

AMHERST COLLEGE.

CLASS BOOK VOLUME

CATALOGUE

OF

AMHERST COLLEGE

FOR THE YEAR

1891–1892.

AMHERST, MASS.

PUBLISHED BY THE COLLEGE.

MDCCCXCII.

1891.

JULY.

SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	...
...	...	...	...	...	...	...

AUGUST.

...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

SEPTEMBER.

...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	...	...	...
...	...	...	...	...	...	...

OCTOBER.

...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
...	...	...	...	...	...	...

NOVEMBER.

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	...	...	...	...	...
...	...	...	...	...	...	...

DECEMBER.

...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	...	...
...	...	...	...	...	...	...

1892.

JANUARY.

SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

FEBRUARY.

...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	...	...	...	...	...
...	...	...	...	...	...	...

MARCH.

...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	...	...
...	...	...	...	...	...	...

APRIL.

...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
...	...	...	...	...	...	...

MAY.

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	...	...	...	...
...	...	...	...	...	...	...

JUNE.

...	...	...	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	...	...
...	...	...	...	...	...	...

JULY.

SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
...	...	...	...	...	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	...	...	...	...	...	...

AUGUST.

...	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	...	...	...
...	...	...	...	...	...	...

SEPTEMBER.

...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	...
...	...	...	...	...	...	...

OCTOBER.

...	...	...	...	...	...	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	...	...	...	...	...

NOVEMBER.

...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	...	...	...
...	...	...	...	...	...	...

DECEMBER.

...	...	...	...	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
...	...	...	...	...	...	...

The College Calendar.

1891.

September	**17**, THURSDAY,	The Fall Term begins at half-past eight o'clock A.M.
October	— (*day not fixed*),	Holiday (Mountain-day).
November	WEDNESDAY, THURSDAY, FRIDAY,	The Thanksgiving recess.
December	**22**, TUESDAY,	The Fall Term ends at half-past eleven o'clock A.M.

1892.

January	**7**, THURSDAY,	The Winter Term begins at half-past eleven o'clock A.M.
	28, THURSDAY,	The Day of Prayer for Colleges.
February	**22**, MONDAY,	Holiday (WASHINGTON'S Birthday).
March	**29**, TUESDAY,	The Winter Term ends at half-past eleven o'clock A.M.
April	**14**, THURSDAY,	The Spring Term begins at half-past eleven o'clock A.M.
May	— (*day not fixed*),	Holiday (Field-day).
	11, WEDNESDAY,	The Gymnastic Exhibition. The Lester Prize Exhibition.
June	**23**, THURSDAY,	The first examinations for admission begin.
	26, SUNDAY,	The Baccalaureate Sermon. Address before the Hitchcock Society of Inquiry and the Y. M. C. A. of the College.
	27, MONDAY,	The Hardy Prize debate. The Kellogg Prize Declamations.
	28, TUESDAY,	Class-day. The Hyde Prize Exhibition in Oratory.
	29, WEDNESDAY,	Meeting of the Alumni. Commencement Exercises. Alumni Dinner. The President's Reception.
September	**13**, TUESDAY,	The second examinations for admission begin.
	15, THURSDAY,	The Fall Term begins at half-past eight o'clock A.M.
October	— (*day not fixed*),	Holiday (Mountain-day).
November	WEDNESDAY, THURSDAY, FRIDAY,	The Thanksgiving recess.
December	**20**, TUESDAY,	The Fall Term ends at half-past eleven o'clock A.M.

1893.

January	**5**, THURSDAY,	The Winter Term begins at half-past eleven o'clock A.M.
	26, THURSDAY,	The Day of Prayer for Colleges.
February	**22**, WEDNESDAY,	Holiday (WASHINGTON'S Birthday).
March	**28**, TUESDAY,	The Winter Term ends at half-past eleven o'clock A.M.

Organization.

AMHERST COLLEGE was first opened September 19, 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforward be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed and approved by the Governor, April 28, 1874, conferred this power upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni.

The general government of the College is vested in its Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and methods of study, and to make such rules, not conflicting with the judgment of the Trustees, as may be deemed necessary for the best regulation of the College.

The Faculty have judged it wise to associate with them, in the immediate government of the College, a body chosen by the students themselves, to which questions of College order and decorum are referred, and whose decisions, if approved by the President, are binding in the College. This body is called the College Senate, and consists of four Seniors, three Juniors, two Sophomores, and one Freshman, chosen by their respective classes. At the meetings of the Senate, which are held regularly once a month, the President of the College presides. This movement toward self-government has been thus far justified by its results.

The Presidents of the College have been: the Rev. ZEPHANIAH SWIFT MOORE, D.D., 1821–1823; the Rev. HEMAN HUMPHREY, D.D., 1823–1845; the Rev. EDWARD HITCHCOCK, D.D., LL.D., 1845–1854; the Rev. WILLIAM AUGUSTUS STEARNS, D.D., LL.D., 1854–1876; the Rev. JULIUS HAWLEY SEELYE, D.D., LL.D., 1876–1890; and MERRILL EDWARDS GATES, LL.D., L.H.D., who was appointed in July, 1890, entered upon the duties of the office October 27, 1890, and was formally inaugurated June 24, 1891.

The corporate name of the Institution is "THE TRUSTEES OF AMHERST COLLEGE."

Administration.

SINCE 1884, the following principles and regulations have been in force: —

A student whose recommendations have been approved, and whose examinations have shown him capable of admission to Amherst College, is received as a gentleman, and, as such, is trusted to conduct himself in truthfulness and uprightness, in kindness and respect, in diligence and sobriety, in obedience to law and maintenance of order, and regard for Christian institutions as becomes a member of a Christian College.

The privileges of the College are granted only to those who enter into an agreement to fulfil in all respects this trust.

The following are the principles of administration observed: —

(1) Work is assigned the student with careful reference to his capacity, so as to be neither more nor less than will exercise all his powers.

(2) The student should make the utmost improvement of his time and talents in regularly and diligently doing what the College assigns him.

(3) No student should be continued in a class for which, either in deportment or in scholarship, he is unfit.

(4) As this unfitness should be determined by the actual deficiencies of the student, a correct record is kept of his attendance and work, indicating from his daily recitations and reviews whether he has sufficiently mastered his studies to warrant his proceeding with his class. If in any department of study he has been present at nine-tenths of the exercises of his class, and if his attainment therein shall be satisfactory to his teacher, he shall be deemed qualified, without further examination, to proceed with the work of the next term. If, however, he fails of this standard in attendance or attainment, he is required to pass a special examination in the work of the term, the minuteness of which is proportioned to the degree of his failure.

(5) Such examination, for which preparation should be made under the direction of a competent teacher, is held at the beginning of the following term. If the student fails to pass it, he is obviously unprepared to proceed with profit in the further work of that department, and should not attempt to do so until his examination therein shall be completely sustained.

(6) Regularity of attendance upon the religious services of the College should be held with the same strictness as attendance upon other duties. Though absences from these exercises do not admit of an equivalent, and no equivalent therefore should be sought, it is proper that where they exceed a limited number, some duty be imposed in their place. This may best be done by increasing the study of the term when the absences occur. How far this increase should be carried may not, in every case, be easy to determine, but the general rule may be formulated that all absences from the religious services of the College exceeding one-tenth in any term, unless specially provided for, shall be added to the absentee's absences from his regular recitations of the term; and if these shall thereby exceed the allowed number for the term, a special examination in some further work to be assigned by the teacher shall be required for the opening of the following term.

The Corporation.

MERRILL E. GATES, LL. D., L. H. D., *President.*

Hon. EDWARD B. GILLETT, LL. D., of Westfield.

Rev. RICHARD S. STORRS, D. D., LL. D., of Brooklyn, N. Y.

Rev. EDMUND K. ALDEN, D. D., of Boston.

Hon. JOHN E. SANFORD, of Taunton.

HENRY D. HYDE, Esq., of Boston.

Hon. JOHN S. BRAYTON, of Fall River.

G. HENRY WHITCOMB, M. A., of Worcester.

Rev. E. WINCHESTER DONALD, D. D., of New York, N. Y.

Rev. CHARLES M. LAMSON, D. D., of Saint Johnsbury, Vt.

Rev. MICHAEL BURNHAM, D. D., of Springfield.

Professor JOHN W. BURGESS, LL. D., of New York, N. Y.

EMERSON W. PEET, Esq., of Saint Paul, Minn.

Professor HERBERT B. ADAMS, Ph. D., of Baltimore, Md.

GEORGE A. PLIMPTON, of New York, N. Y.

Rev. WILLIAM HAYES WARD, D. D., LL. D., of New York, N. Y.

D. WILLIS JAMES, of New York, N. Y.

WILLIAM A. DICKINSON, Esq., *Treasurer.*

Overseers of the Charitable Fund.

Rev. John M. Greene, D. D., of Lowell.

M. Fayette Dickinson, Jr., Esq., of Boston.

Professor William B. Graves, of Andover.

John C. Hammond, Esq., of Northampton.

Rev. Robert M. Woods, of Hatfield.

Lewis W. West, of Hadley.

William A. Dickinson, Esq., *Commissioner.*

The Faculty

MERRILL EDWARDS GATES, PH. D., LL. D., L. H. D., *President.*[1]
Professor of Moral Philosophy.

Rev. JULIUS HAWLEY SEELYE, D. D., LL. D.
Ex-President, and Lecturer on the History of Philosophy.

Rev. WILLIAM SEYMOUR TYLER, D. D., LL. D.
Williston Professor of the Greek Language and Literature.

EDWARD PAYSON CROWELL, D. D.
Moore Professor of the Latin Language and Literature, and Dean of the Faculty.

EDWARD HITCHCOCK, M. A., M. D.
Parmly Billings Professor of Hygiene and Physical Education.

WILLIAM LEWIS MONTAGUE, M. A.
Professor of Italian.

WILLIAM COLE ESTY, LL. D.
Walker Professor of Mathematics and Astronomy.

ELIJAH PADDOCK HARRIS, PH. D., LL. D.
Professor of Chemistry.

BENJAMIN KENDALL EMERSON, PH. D.
Hitchcock Professor of Mineralogy and Geology.

Rev. HEMAN HUMPHREY NEILL, M. A.
Williston Professor of English Literature.

ANSON DANIEL MORSE, M. A.
Winkley Professor of History and Political Economy.

HENRY BULLARD RICHARDSON, M. A.
Professor of German.

[1] On the CHESTER W. CHAPIN endowment.

JOHN MASON TYLER, PH. D.
Stone Professor of Biology.

CHARLES EDWARD GARMAN, M. A.[1]
Professor of Mental Philosophy.

DAVID P. TODD, PH. D.
Associate Professor of Astronomy, Director of the Observatory, and Secretary of the Faculty.

Rev. JOHN FRANKLIN GENUNG, PH. D.
Professor of Rhetoric.

HENRY ALLYN FRINK, PH. D.
Professor of Logic, Rhetoric and Public Speaking.

WILLIAM LYMAN COWLES, M. A.
Associate Professor of Latin.

Rev. GEORGE STOCKTON BURROUGHS, PH. D., D. D.
Samuel Green Professor of Biblical History and Interpretation, and Pastor of the College Church.

HENRY GIBBONS, M. A.
Professor of Greek.

ARTHUR LALANNE KIMBALL, PH. D.
Professor of Physics.

GEORGE DANIEL OLDS, M. A.
Professor of Mathematics.

Professor of the Romance Languages and Literatures.

LEVI HARRY ELWELL, M. A.
Assistant Professor of Greek, and Instructor in Sanskrit.

EPHRAIM LINCOLN WOOD, M. A.
Assistant Professor of Latin.

HIRAM HENRY SEELYE, M. A., M. D.
Instructor in Physical Education.

CHARLES AUGUSTUS TUTTLE, PH. D.
Instructor in Political Economy and International Law.

EDWARD PARK HARRIS, PH. D.
Instructor in Chemistry.

[1] Granted a year's leave of absence.

HARRY NORMAN GARDINER, M. A.
Instructor in Psychology.

Rev. EDWIN AUGUSTUS GROSVENOR, M. A.[1]
Instructor in History.

FREDERIC BURRITT PECK, B. A.
Assistant in Geology.

EDWARD L. SUMNER.
Instructor in Vocal Music.

EDWARD BAXTER MARSH, M. A.
Registrar.

WILLIAM ISAAC FLETCHER, M. A.
Otis Librarian.

EDWARD DICKINSON.
Assistant Librarian.

Special Lecturers.

Professor J. R. S. STERRETT, PH. D.
Lecturer on Greek Archæology.

Professor JOHN B. CLARK, PH. D.
Lecturer on "Social Reform and Natural Law."

Rev. SAMUEL W. DIKE, LL. D.
Lecturer on Sociology and the Family.

[1] During the temporary absence of Professor Morse.

College Preachers.

By the generosity of friends of the college a special fund has been given to secure, in addition to the Samuel Green Professor of Biblical History and Interpretation, who is Pastor of the College Church, a number of prominent representatives of several religious denominations as Preachers at the College. The following are the preachers for the current collegiate year: —

Rt. Rev. Frederic D. Huntington, D. D., LL. D., Central New York,
Baccalaureate Sermon, June 21, 1891.

Rev. Richard S. Storrs, D. D., LL. D., Brooklyn, N. Y.,
Address before the Hitchcock Society and the Y. M. C. A. of the College.

Rev. Arthur T. Pierson, D. D., Philadelphia, Penn.

Rev. Robert R. Meredith, D. D., Brooklyn, N. Y.

Rev. A. J. F. Behrends, D. D., Brooklyn, N. Y.

Rt. Rev. Phillips Brooks, D. D., Massachusetts.

Rev. President Daniel Bliss, D. D., Beirût, Syria.

Rev. William M. Taylor, D. D., New York, N. Y.

Rev. A. J. Gordon, D. D., Boston.

Rev. Archibald McCullagh, D. D., Worcester.

Rev. Cuthbert Hall, D. D., Brooklyn, N. Y.

Rev. Robert S. MacArthur, D. D., New York, N. Y.

Rev. Alexander McKenzie, D. D.,
Baccalaureate Sermon, June 26, 1892.

The College Senate.

Presiding Officer: The President of the College.

Seniors. — Class of 1892.

James S. Cobb. Addison A. Ewing.
George W. Emerson, Jr. William H. Lewis.

Juniors. — Class of 1893.

Frank A. Sheldon. Harry P. Swett.
Arthur V. Woodworth.

Sophomores. — Class of 1894.

George F. Burt. Edward W. Capen.

Freshman. — Class of 1895.

Clinton E. Bell.

Fellows and Resident Graduates.

Willard Dell Bigelow, B. A. (1889) . . . *Gardner, Kans.*
Assistant in Chemistry.

Arthur Burdett Ingalls, B. A. (1890) . . . *Cortland, N. Y.*
Student in Chemistry.

Harry Foster Jones, B. A. (1891) . . . *Vacaville, Cal.*
Student in English Literature.

Andrew Henry Mulnix, B. A. (1891) . . . *Portland, Me.*
Student in German.

Charles Louis Upton, B. A. (1891) . . . *Shelburne, Mass.*
Lincoln Fellow in Hygiene and Physical Education.

Non-Resident Graduate.

George Parsons Tibbets, B. A. (1885), M. A. . *Easthampton, Mass.*
Student in Mathematics.

The Senior Class.

Leon Jesse Adams,	*South Gardner, Mass.*,	Mrs. R. B. Baker's.
Nelson Dwight Alexander,	*East Northfield, Mass.*,	Gymnasium.
Robert Arthur Allyn,	*Holyoke, Mass.*,	ΒΘΠ House.
Worthington Ely Babcock,[1]	*Providence, R. I.*,	Mr. Houghton's.
Allan Perley Ball,	*Elgin, Ill.*,	ΨΥ House.
Norman Seymour Bentley,	*Pulaski, N. Y.*,	ΔΥ House.
Edward Nelson Billings,	*Slatersville, R.I.*,	ΦΔΘ House.
Samuel Parish Boardman,	*Bellevue, Ohio*,	ΔΥ House.
Arthur Lyman Brainerd,	*Amherst, Mass.*,	Mr. J. C. Brainerd's.
Richard Sterling Brooks,	*Springfield, Mass.*,	12 Williams Block.
Alexander MacLeod Brown,[1]	*Pleasantville, Penn.*,	ΔΚΕ House.
Amasa Bancroft Bryant,	*Amherst, Mass.*,	Mrs. Bryant's.
Charles Elroy Burbank,	*Worcester, Mass.*,	ΧΦ House.
William Erwin Byrnes,	*Bellevue, Ohio*,	ΔΥ House.
Hubert Lyman Clark,	*Newton, Mass.*,	ΧΦ House.
Robert Clark,	*Kingston, R. I.*,	Rev. Mr. Kingman's.
James Shepard Cobb,	*Florence, Mass.*,	ΨΥ House.
Earl Comstock,	*Utica, N. Y.*,	ΧΨ Lodge.
Erskine Hazard Cox,	*Philadelphia, Penn.*,	ΑΔΦ House.
Thomas Coyle,	*Amherst, Mass.*,	Mrs. Coyle's.
George Haliburton Crandall,	*Stow, Mass.*,	Mrs. Huntress's.
Bret Harte Dingley,	*Auburn, Me.*,	ΑΔΦ House.
William Henry Downey,	*North Brookfield, Mass.*,	12 Williams Block.
George Warren Emerson, Jr.,	*Stoneham, Mass.*,	Mr. Rawson's.
Addison Alvord Ewing,	*Danvers, Mass.*,	ΧΦ House.
Samuel Cole Fairley,	*Amherst, Mass.*,	Mrs. Fairley's.
Willard James Fisher,	*Shelburne Falls, Mass.*,	ΘΔΧ House.
George Washington Forbes,	*Boston, Mass.*,	Mrs. O. G. Morse's.
Algernon Sterry Gallup,	*Baltic, Conn.*,	10 Williams Block.
Charles Gilmore Gardner,	*Palmer, Mass.*,	ΒΘΠ House.
Rufus Talmage Goodell,	*Detroit, Mich.*,	ΑΔΦ House.
John Hiram Grant,	*Goldsborough, N. C.*,	ΨΥ House.
William Walker Gregg,	*Elmira, N. Y.*,	Mr. Rawson's.
Lyman William Griswold,	*Greenfield, Mass.*,	Gymnasium.
Charles Elbridge Hildreth,	*Worcester, Mass.*,	ΑΔΦ House.
Walter Henry Hildreth,	*Worcester, Mass.*,	ΑΔΦ House.
George Preston Hitchcock,	*Fitchburg, Mass.*,	ΘΔΧ House.
William Charles Hodder,	*Lowell, Mass.*,	ΦΔΘ House.
Edwin Smith Hodgman,	*Medford, Mass.*,	Mr. F. P. Wood's.
Edward Newton Huntress,	*Amherst, Mass.*,	Mrs. Huntress's.
William Tecumseh Sherman Jackson,	*Alexandria, Va.*,	Mrs. R. B. Baker's.

[1] Scientific Course.

Arthur Mills Johnson,	*Webster, Mass.*,	Δ K E House.
Moses Allen Johnson,	*Lowell, Mass.*,	Δ K E House.
John Kosciusko Kollock,	*Fort Wayne, Ind.*,	X Ψ Lodge.
Frederick Johnstone Lane,	*New York, N. Y.*,	X Ψ Lodge.
Frank Adrian Leach,	*North Raynham, Mass.*,	Φ Δ Θ House.
William Henry Lewis,	*Portsmouth, Va.*,	Mrs. O. G. Morse's.
Howard Abbot Lincoln,	*Portland, Me.*,	Φ Δ Θ House.
George Hoyt Lounsbery,	*Brooklyn, N. Y.*,	A Δ Φ House.
Robert Barkley Ludington,[1]	*New York, N. Y.*,	Mr. O. G. Couch's.
Louis Durand Marriott,	*Rome, N. Y.*,	X Ψ Lodge.
Ambert George Moody,	*East Northfield, Mass.*,	Δ Υ House.
Elliott Judd Northrup,	*Syracuse, N. Y.*,	Mrs. Gage's.
James Stow Parshley,[1]	*Middletown, Conn.*,	Mrs. O. G. Morse's.
William Beard Perry,	*New Bedford, Mass.*,	Θ Δ X House.
George Thomas Pettengill,	*Saxton's River, Vt.*,	Mrs. L. J. Smith's.
Le Roy Phillips,	*Rutland, Vt.*,	Ψ Υ House.
Edwin Dana Pierce,	*West Newton, Mass.*,	Θ Δ X House.
George Sloan Raley,	*Carrollton, Ohio*,	Δ Υ House.
Charles Lemuel Randall,	*Belchertown, Mass.*,	10 Williams Block.
Seymour Herbert Ransom,	*New Berne, N. C.*,	Ψ Υ House.
Dimon Roberts,	*Greene, N. Y.*,	Δ K E House.
Rufus Leonard Scott, Jr.,	*Brooklyn, N. Y.*,	14 Kellogg Block.
Arthur Moodey Seelye,	*Northampton, Mass.*,	12 Hunt Block.
George Burbank Shattuck,[1]	*Lowell, Mass.*,	Δ K E House.
Walter Clifton Smalley,	*Tenant's Harbor, Me.*,	B Θ Π House.
Elmer Platt Smith,[1]	*Port Jefferson, N. Y.*,	Θ Δ X House.
Robert Stuart Smith,	*Reading, Penn.*,	Ψ Υ House.
Frederick Clifton Staples,	*Stoughton, Mass.*,	Φ Δ Θ House.
Charles Maurice Stebbins,	*Oneida, N. Y.*,	Miss Merrick's.
Cornelius Joseph Sullivan,	*Holyoke, Mass.*,	Δ K E House.
Edgar Warren Swift,	*Provincetown, Mass.*,	B Θ Π House.
Frederic Lincoln Thompson,	*Augusta, Me.*,	Δ K E House.
Charles Edward Tilley,	*Providence, R. I.*,	Φ Δ Θ House.
Robert Henry Vose,	*Providence, R. I.*,	Ψ Υ House.
Herbert Harold Waite,	*Amherst, Mass.*,	10 Williams Block.
Frederic Augustus Washburn, Jr.,	*New Bedford, Mass.*,	X Ψ Lodge.
Herbert Lemuel Wilbur,	*Easton, Mass.*,	Mr. Perkins's.
Robert Lyman Williston,	*Northampton, Mass.*,	A Δ Φ House.
Harlan Nims Wood,	*Bellevue, Ohio*,	Δ Υ House.

PURSUING A SPECIAL OR A PARTIAL COURSE.

James Alfred Chard,	*Brooklyn, N. Y.*,	A Δ Φ House.
George Ludwig Degener,	*New York, N. Y.*,	Mr. Houghton's.
Robert Wood Goodell,	*Detroit, Mich.*,	A Δ Φ House.
Herbert Strong Nichols,	*Portland, Oregon*,	X Ψ Lodge.

84

[1] Scientific Course.

The Junior Class.

Harry Hurlbut Abbott,	*Chicago, Ill.*,	Ψ Υ House.
Frederick Scouller Allis,	*Erie, Penn.*,	Mr. Perkins's.
Herman Babson,	*Gloucester, Mass.*,	Χ Ψ Lodge.
Martin Tuttle Baldwin.	*Burlington, Iowa*,	Θ Δ Χ House.
Edwin Lorendus Bebee,	*Westfield, N. Y.*,	Mr. Magill's.
Fred Warren Beekman,	*Westborough, Mass.*,	Β Θ Π House.
Horace Bigelow,	*Utica, N. Y.*,	Α Δ Φ House.
Ernest Mason Bliss,	*Attleborough, Mass.*,	Mr. T. R. Hill's.
Frank Dickinson Blodgett,	*Cortland, N. Y.*,	Δ Κ Ε House.
William Charles Breed,	*Malone, N. Y.*,	Mr. Perkins's.
Edward Bramhall Brooks,	*Brooklyn, N. Y.*,	Mr. Baxter Marsh's.
Gordon Bainbridge Brooks,	*Brooklyn, N. Y.*,	Mr. Baxter Marsh's.
Thomas Bellows Buffum, Jr.,	*Walpole, N. H.*,	Δ Υ House.
Jesse Buswell,	*Acworth, N. H.*,	Mrs. Cooley's.
Charles Henry Clarke,	*Bainbridge, N. Y.*,	Δ Κ Ε House.
Frederick Williams Cole,	*Bitlis, Asiatic Turkey*,	Θ Δ Χ House.
Ernest Amzi Crockett,	*Lewiston, Me.*,	Δ Υ House.
Albert Beecher Davidson,	*Hull, Iowa*,	Professor Richardson's.
Wallace H Davis,[1]	*Minneapolis, Minn.*,	27 Pleasant Street.
Walter S Davis,[1]	*Minneapolis, Minn.*,	27 Pleasant Street.
Wilson Elliott Davis,	*Indianapolis, Ind.*,	Mr. Miller's.
Frank Dexter Edgell,	*Clinton, Mass.*,	Θ Δ Χ House.
Thomas Cushing Esty,	*Amherst, Mass.*,	Professor Esty's.
George Herbert Fisher,	*Shelburne Falls, Mass.*,	Θ Δ Χ House.
Herbert Percival Gallinger,	*Cortland, N. Y.*,	Δ Κ Ε House.
Abner Winthrop Gill,	*Northampton, Mass.*,	Mrs. O. G. Morse's.
Alpheus John Goddard,[1]	*Freeport, Ill.*,	Χ Φ House.
Joseph Augustus Goodrich,	*East Hardwick, Vt.*,	Β Θ Π House.
Frank Miller Gould,[1]	*Evanston, Ill.*,	Χ Φ House.
Merton Lyman Griswold,	*Brookfield, Vt.*,	Mrs. O. G. Morse's.
George Langford Hamilton,	*Covington, Ky.*,	Α Δ Φ House.
Edward Stone Hawes,	*Burlington, Vt.*,	Δ Κ Ε House.
Morton Hiscox,	*Westerly, R. I.*,	Δ Κ Ε House.
Clarence Robert Hodgdon,	*Boothbay Harbor, Me.*,	Α Δ Φ House.
Edward Rittenhouse Houghton,	*Montpelier, Vt.*,	Mr. O. G. Couch's.
Ernest Smith Jackson,	*Binghamton, N. Y.*,	Ψ Υ House.
Frank Poole Johnson,	*Woburn, Mass.*,	Φ Δ Θ House.
John Leiseuring Kemmerer,	*Mauch Chunk, Penn.*,	Mr. Baxter Marsh's.

[1] Scientific Course.

Harry Gilbert Kimball,[1]	*Washington, D. C.*,	Δ Υ House.
Milton Silliman Lacey,	*Southport, Conn.*,	Mrs. D. W. Scott's.
Frank Morrill Lay,	*Kewanee, Ill.*,	Β Θ Π House.
George Welcome Lewis,[1]	*Westerly, R. I.*,	Δ Κ Ε House.
Allen Woodend McCurdy,	*Peoria, Ill.*,	Χ Φ House.
John Parker Manwell,	*Lynn, Mass.*,	Β Θ Π House.
Robert Froome Morris,	*Cincinnati, Ohio*,	Χ Φ House.
Duane Howard Nash,	*Amherst, Mass.*,	Mr. H. C. Nash's.
Edwin Lee Norton,	*Northfield, Minn.*,	Professor Richardson's.
Ernest Morrison Nourse,	*Westborough, Mass.*,	Δ Κ Ε House.
Julian Hanford Olmstead,	*Walton, N. Y.*,	Mr. T. R. Hill's.
Samuel Ridley Parker,	*Waterbury, Vt.*,	Β Θ Π House.
William Longstreth Raub,	*New London, Conn.*,	Α Δ Φ House.
Lewis Thurston Reed,	*Worcester, Mass.*,	Α Δ Φ House.
Silas Dean Reed,	*Taunton, Mass.*,	Β Θ Π House.
Christopher Howe Rogers,	*Methuen, Mass.*,	Φ Δ Θ House.
Walter Howard Ross,	*Amherst, Mass.*,	Mrs. Ross's.
Herbert Austin Russell,	*Shelburne Falls, Mass.*,	Φ Δ Θ House.
Robert Porter St. John,	*Prattsburgh, N. Y.*,	Mr. Bartlett's.
Walter Eugene Sanderson,	*South Amherst, Mass.*,	Mr. O. G. Couch's.
Henry Park Schauffler,	*Cleveland, Ohio*,	Mrs. Gage's.
Ernst August Schimmler,	*Hanover, Germany*,	16 North College.
John Francis Shea,	*Bondsville, Mass.*,	Mrs. O. G. Morse's.
Frank Atwood Sheldon,	*Rockland, Mass.*,	Β Θ Π House.
Frank Herbert Smith,	*North Hadley, Mass.*,	Φ Δ Θ House.
Oliver Howard Story,	*Gloucester, Mass.*,	Χ Ψ Lodge.
Harry Preble Swett,	*Gloucester, Mass.*,	Φ Δ Θ House.
William Ariel Talcott, Jr.,	*Rockford, Ill.*,	Α Δ Φ House.
Harry Horton Taylor,	*Granby, Mass.*,	Δ Κ Ε House.
Harry George Tinker,	*Pittsburgh, Penn.*,	Δ Κ Ε House.
Thomas Cann Trask,	*Scranton, Penn.*,	Θ Δ Χ House.
Percy Harrington Tufts,	*Roxbury, Mass.*,	Judge Thomas's.
Alfred Turner,[1]	*Rutland, Vt.*,	Mr. Trott's.
George Francis Wales,	*Newton Centre, Mass.*,	Β Θ Π House.
Fred Austin Wilson,	*Amherst, Mass.*,	Mr. F. A. Wilson's.
Clarence David Wood,	*Saint Johnsbury, Vt.*,	Α Δ Φ House.
Herbert Carroll Wood,	*Haverhill, Mass.*,	Φ Δ Θ House.
Willard Hubert Wood,	*Grand Rapids, Mich.*,	Χ Φ House.
Arthur Vyne Woodworth,	*Berlin, Conn.*,	Θ Δ Χ House.
George Breed Zug,	*Pittsburgh, Penn.*,	Mr. B. H. Williams's.

[1] Scientific Course.

PURSUING A SPECIAL OR A PARTIAL COURSE.

Jesse Hall Allen,	*Columbiana, Ohio,*	Mrs. L. E. Redding's.
Charles Henry Babcock, Jr.,	*Providence, R. I.,*	Mr. Houghton's.
Randall Kennedy Brown,	*Omaha, Nebr.,*	X Ψ Lodge.
John William Hunt,	*Brooklyn, Conn.,*	Mrs. L. E. Redding's.
Warner Duane Hunt,	*Plymouth, N. Y.,*	Δ Υ House.
Gilbert Falkner Kennedy,	*Kingston, N. Y.,*	Mr. Morgan's.
Theodore Mahan Kimball,	*Milwaukee, Wis.,*	X Ψ Lodge.
John Wesley Ladd,	*Portland, Oregon,*	Mr. Houghton's.
Robert Elisha Olmsted,	*East Hartford, Conn.,*	Δ K E House.
George Dupont Pratt,	*Brooklyn, N. Y.,*	A Δ Φ House.
Frank John Raley,	*Carrollton, Ohio,*	Δ Υ House.
Walter Lamont Tower,	*Dalton, Mass.,*	Mrs. L. J. Smith's.
Charles Gilbert Wood,	*Trenton, Utah,*	9 North College.

91

The Sophomore Class.

Gilbert Holland Bacheler,	*Norwich Town, Conn.*,	Library.
Grosvenor Hyde Backus,[1]	*Brooklyn, N. Y.*,	A Δ Φ House.
Albert Sherburne Baker,	*Amherst, Mass.*,	Mrs. R. B. Baker's.
Ernest Merrill Bartlett,	*Newport, N. H.*,	Library.
Warren Tyler Bartlett,	*North Brookfield, Mass.*,	Θ Δ X House.
Elmer Wilkinson Bender,	*Pittsburgh, Penn.*,	Β Θ Π House.
Allen Augustus Brown,[1]	*Evanston, Ill.*,	X Φ House.
Warren Day Brown,	*White Plains, N. Y.*,	Mr. Morgan's.
Edmund Alden Burnham,	*Springfield, Mass.*,	Mr. Baxter Marsh's.
George Franklin Burt,	*Boston, Mass.*,	Mr. Enos Baker's.
Milo Cudworth Burt,	*South Hadley Falls, Mass.*,	Mr. Bartlett's.
Edward Warren Capen,	*Boston, Mass.*,	Mrs. Gage's.
William Bunton Chase,	*Syracuse, N. Y.*,	Mrs. H. E. Wilson's.
Herman Stanley Cheney,	*Southbridge, Mass.*,	Ψ Υ House.
Bradbury Cilley,	*College Hill, Ohio*,	8 Hunt Block.
Frank Lowry Clark,	*Spencerport, N. Y.*,	Δ Υ House.
Carleton Emory Clutia,	*Amherst, Mass.*,	Mr. Clutia's.
Wheelock Tenney Craig,	*Falmouth, Mass.*,	8 North College.
Stephen Percy Cushman,	*North Amherst, Mass.*,	7 Kellogg Block.
Charles Phillips Emerson,	*Methuen, Mass.*,	X Ψ Lodge.
Edward Russell Evans,	*Chelsea, Mass.*,	Mr. O. G. Couch's.
George Francis Fiske,	*Hyde Park, Mass.*,	Β Θ Π House.
Frederic Appleton Flichtner,	*Englewood, N. J.*,	9 Hunt Block.
Howard Irving Ford,	*Hanover, Mass.*,	Β Θ Π House.
George Arthur Goodell,	*Windham, Vt.*,	Dickinson Block.
Walter Gayton Hall,[1]	*Dracut, Mass.*,	Β Θ Π House.
William Jonot Harrison,	*Butte City, Mont.*,	Mrs. Harrison's.
Harris Bigelow Haskell,	*West Falmouth, Me.*,	Θ Δ X House.
Frederick Downing Hayward,	*Andover, Mass.*,	Mr. Billings's.
Roy Seymour Hinsdale,	*Antwerp, N. Y.*,	Mrs. H. E. Wilson's.
Walter Clarke Howe,	*Dedham, Mass.*,	A Δ Φ House.
Albert Worcester Howes,	*Florence, Mass.*,	Θ Δ X House.
Benjamin Dwight Hyde,	*Boston, Mass.*,	Ψ Υ House.
William Sanders Johnston,	*Chicago, Ill.*,	Mr. Rawson's.
Wallace Huntington Keep,	*Norwich, Conn.*,	8 North College.
Daniel Pancoast Kidder,[1]	*Evanston, Ill.*,	A Δ Φ House.
Henry Robert Murray Landis,	*Columbus, Ohio*,	Δ K E House.
Halah Harden Loud,	*North Abington, Mass.*,	Δ Υ House.
Eugene William Lyman,	*Cummington, Mass.*,	Δ Υ House.

[1] Scientific Course.

Fred Danforth McAllister,	*Lawrence, Mass.*,	Mr. Rawson's.
James Camelford MacInnes,	*Philadelphia, Penn.*,	Mrs. Huntress's.
Mark Dearborn Mitchell,[1]	*Franklin, Penn.*,	Mr. Perkins's.
Henry Taylor Noyes, Jr.,	*Rochester, N. Y.*,	Mrs. Gage's.
Howard Noyes,	*Hyde Park, Mass.*,	Mr. Perkins's.
Fitz Albert Oakes,	*Gloucester, Mass.*,	X Ψ Lodge.
Ralph Buttrick Putnam,[1]	*Concord, Mass.*,	Θ Δ X House.
Austin Rice,	*Danvers, Mass.*,	Mr. Edwards's.
Charles Cotesworth Russell,	*Greenfield, Mass.*,	Mr. Baxter Marsh's.
Percival Schmuck,	*Hanover, Penn.*,	Mr. Edwards's.
Charles Oakes Seymour,	*Watertown, N. Y.*,	Mrs. Atwood's.
Edgar Burr Smith,	*Brattleborough, Vt.*,	Mr. O. G. Couch's.
Harwood Bigelow Smith,	*Rockland, Mass.*,	Φ Δ Θ House.
Luther Ely Smith,	*Mount Sterling, Ala.*,	Mr. Edwards's.
Bertrand Hollis Snell,	*Potsdam, N. Y.*,	B Θ Π House.
William Silas Spooner,	*Franconia, N. H.*,	12 North College.
Alfred Ernest Stearns,	*Amherst, Mass.*,	Ψ Y House.
Edward Hemenway Stedman,	*Boston, Mass.*,	Mr. Baxter Marsh's.
Harlan Fisk Stone,[1]	*Amherst, Mass.*,	Mr. F. L. Stone's.
Arthur Hallock Streeter,	*Cummington, Mass.*,	Gymnasium.
Warren Wetherbee Tucker,	*Boston, Mass.*,	9 Hunt Block.
Joseph Henry Tuttle,	*Poughkeepsie, N. Y.*,	12 North College.
Albert Bell Tyler,	*Amherst, Mass.*,	Rev. Mr. Herrick's.
Nathan Henry Weeks,	*Dedham, Mass.*,	Φ Δ Θ House.
Harry Estabrook Whitcomb,	*Worcester, Mass.*,	Mr. Baxter Marsh's.
Willis Delano Wood,	*Brooklyn, N. Y.*,	A Δ Φ House.

[1] Scientific Course.

PURSUING A SPECIAL OR A PARTIAL COURSE.

Edwin Leonard, Jr.,	*Morris, Conn.*,	B Θ Π House.
Charles Herbert Osgood,	*Bellows Falls, Vt.*,	Mr. Morgan's.
Francis Carter Pitman,	*Newton, Mass.*,	Mr. Rawson's.
Charles Gilbert Smith,	*Westfield, Mass.*,	Mr. Morgan's.
George Freeman Smith,	*Springfield, Mass.*,	X Φ House.

70

The Freshman Class.

Charles Amos Andrews,	*Palmer, Mass.*,	Mrs. R. B. Baker's.
Landergren Armstrong,	*New York, N. Y.*,	A Δ Φ House.
Charles Roy Bangs,	*Brooklyn, N. Y.*,	r. Houghton's.
Aubrey Trull Barnes,[1]	*Rockford, Ill.*,	A Δ Φ House.
Henry Beer,	*New York, N. Y.*,	Mr. Edwards's.
Frank Milton Belden,[1]	*Brooklyn, N. Y.*,	Mr. Edwards's.
Clinton Edward Bell,	*Northampton, Mass.*,	Mr. Rawson's.
Frederic Ledyard Bill,	*Paxton, Mass.*,	Mrs. O. G. Morse's.
Edwin Judson Bishop,[1]	*Saint Paul, Minn.*,	Mr. Houghton's.
Edward Henry Bliss,	*Franklin, N. H.*,	Mrs. Huntress's.
William Joseph Boardman,	*Barnet, Vt.*,	Mr. Collins's.
Olin Royal Booth,	*Holliston, Mass.*,	Mrs. Gage's.
Robert Bridgman,	*Brooklyn, N. Y.*,	Mrs. R. B. Baker's.
Emmons Bryant,	*Worcester, Mass.*,	Mrs. Bryant's.
Charles Theodore Burnett,	*Turner's Falls, Mass.*,	Mrs. Gage's.
Reuben Wesley Burnham,	*Gloucester, Mass.*,	Mrs. R. B. Baker's.
Kimball Gleason Colby,	*Methuen, Mass.*,	X Ψ Lodge.
Isaac Mayhew Compton,	*Mauricetown, N. J.*,	13 North College.
John Calvin Coolidge,	*Plymouth, Vt.*,	Mr. Trott's.
Frank Curtis Davis,[1]	*Minneapolis, Minn.*,	27 Pleasant Street.
Moses Taggart Day,[1]	*Batavia, N. Y.*,	Mrs. Gage's.
John Percival Deering,	*Saco, Me.*,	Mr. Collins's.
Robert Wayland Dunbar,	*Portland, Me.*,	Rev. Mr. Kingman's.
Lucius Root Eastman, III.,	*Framingham, Mass.*,	Β Θ Π House.
William McKibbin Ewart,	*Pittsburgh, Penn.*,	Mr. Perkins's.
George Stevens Fairbanks,	*Amherst, Mass.*,	Rev. Mr. Fairbanks's.
George Walter Fiske,	*Holliston, Mass.*,	Mrs. R. B. Baker's.
Howard Dean French,	*Chicago, Ill.*,	A Δ Φ House.
Lewis Henry Goodrich,	*East Hardwick, Vt.*,	Β Θ Π House.
Fred J Gray,	*Lisbon, N. Y.*,	Rev. Mr. Lentell's.
Tracy Beadle Griswold,	*Elmira, N. Y.*,	Mrs. L. E. Redding's.
Ernest Weaver Hardy,	*Northampton, Mass.*,	Mr. Guernsey's.
Sherman Willard Haven,	*Sangerfield, N. Y.*,	Mrs. H. E. Wilson's.
Thomas Francis Hennessy,	*Spencer, Mass.*,	Mr. Sloan's.
Arthur Fiske Howard,[1]	*Portsmouth, N. H.*,	Mrs. Bryant's.
Thornton Jenkins,	*West Barnstable, Mass.*,	Mrs. O. G. Morse's.
George Jones,	*Syracuse, N. Y.*,	Rev. Mr. Lentell's.
Carleton Augustine Kelley,[1]	*Burlington, Iowa*,	Mrs. Kimball's.
Mark Rees Kimball,	*Chicago, Ill.*,	Judge Thomas's.
Nelson Kingsland,[1]	*Maywood, Ill.*,	Mr. Edwards's.

[1] Scientific Course.

Henry Wilder Lane,	*Keene, N. H.*,	Mrs. L. J. Smith's.
Frederick Houk Law,	*Oxford, N. Y.*,	Mrs. L. E. Redding's.
James Stuart Lawson,	*Brooklyn, N. Y.*,	Mrs. Kimball's.
Amasa James Lyall,	*New York, N. Y.*,	Mrs. C. B. Thomas's.
William John McArthur,	*Ogdensburgh, N. Y.*,	Mr. E. I. Bangs's.
Robert Henry Mainzer,	*New York, N. Y.*,	Dr. H. H. Seelye's.
Guido Conti Sleeper Metcalf,	*Englewood, Ill.*,	Mr. R. T. Dickinson's.
Benjamin Leon Miller,[1]	*Evanston, Ill.*,	Professor Wellington's.
Dwight Whitney Morrow,	*Allegheny, Penn.*,	Professor Gibbons's.
Edward Kendall Mundy,	*Syracuse, N. Y.*,	Mr. E. B. Marsh's.
Elmer Slayton Newton,	*Spencer, Mass.*,	Mr. Sloan's.
Ransom Proctor Nichols,	*Saxonville, Mass.*,	13 North College.
Henry Radcliffe Noyes,[1]	*Montclair, N. J.*,	ΔΥ House.
Robert Bayley Osgood,	*Salem, Mass.*,	Mr. Perkins's.
Charles Ray Otis,	*Dundee, N. Y.*,	Mr. R. T. Dickinson's.
Theodore Attwater Penney,[1]	*Wallace, Idaho*,	9 North College.
Edward Franklin Perry,	*Putnam, Conn.*,	Gymnasium.
Halbert Cressy Phillips,	*Turner's Falls, Mass.*,	Mr. E. G. Thayer's.
Augustus Thomas Post,	*Brooklyn, N. Y.*,	Mr. Houghton's.
Joseph Andrews Powell,	*Brooklyn, N. Y.*,	Mr. Bartlett's.
Herbert Lee Pratt,	*Brooklyn, N. Y.*,	Mr. Baxter Marsh's.
Russell Edwards Prentiss,	*Brooklyn, N. Y.*,	Mr. Houghton's.
Jonathan Ansel Rawson, Jr.,	*Amherst, Mass.*,	Mr. Rawson's.
Benjamin Eastwood Ray,	*Leeds, Mass.*,	Mr. Guernsey's.
Alfred Roelker, Jr.,	*New York, N. Y.*,	Mrs. Kimball's.
Albert Lewis Schuyler,[1]	*Waterbury, Conn.*,	Mr. O. G. Couch's.
Frederic Edmund Sears,	*Somerville, Mass.*,	ΒΘΠ House.
Walter Clark Seelye,	*Northampton, Mass.*,	Mr. Morgan's.
Maurice Billings Smith,	*Boston, Mass.*,	Mrs. Kimball's.
Jay Thomas Stocking,	*Lisbon Centre, N. Y.*,	Mr. E. I. Bangs's.
George Warner Stone,	*Potsdam, N. Y.*,	Mrs. H. E. Wilson's.
Walter Robinson Stone,[1]	*Syracuse, N. Y.*,	Mr. F. A. Wilson's.
Albert Murray Tibbetts,	*North Brookfield, Mass.*,	Mr. Bartlett's.
John Pickett Trask,	*Beverly, Mass.*,	Mrs. R. B. Baker's.
Lynn George Truesdell,	*Owatonna, Minn.*,	Mr. F. A. Wilson's.
Harry Lemuel Twichell,	*Auburn, N. Y.*,	Mr. F. A. Wilson's.
William Seymour Tyler,	*Plainfield, N. J.*,	Mr. Morgan's.
Clinton Hiram Ward,[1]	*Moretown, Vt.*,	Mr. Collins's.
Herbert Lakin Warren,	*Holden, Mass.*,	Mrs. R. B. Baker's.
George Barrows Washburn,	*Lowell, Mass.*,	Mrs. Huntress's.
Herbert Otis White,	*Leicester, Mass.*,	ΒΘΠ House.
Harry Stoddard Williston,	*Northampton, Mass.*,	Mr. Baxter Marsh's.
Charles Gardner Winslow,	*Brandon, Vt.*,	Mr. Guernsey's.
Frank Carver Wolff,[1]	*Denver, Colo.*,	Mrs. Dwight's.

[1] Scientific Course.

PURSUING A SPECIAL COURSE.

Edward Payson Bullard, Jr.,	*Bridgeport, Conn.*,	Mr. Morgan's.

Summary.

Graduate Students	6
Seniors	84
Juniors	91
Sophomores	70
Freshmen	85
Total	336

CLASSIFICATION BY RESIDENCE.

The United States: —	
Alabama	1
California	1
Colorado	1
Connecticut	13
District of Columbia	1
Idaho	1
Indiana	2
Illinois	16
Iowa	3
Kansas	1
Kentucky	1
Maine	10
Massachusetts	139
Michigan	3
Minnesota	6
Montana	1
Nebraska	1
New Hampshire	7
New Jersey	4
New York	65
North Carolina	2
Ohio	10
Oregon	2
Pennsylvania	14
Rhode Island	8
Utah	1
Vermont	17
Virginia	2
Wisconsin	1
	334
Other Countries: —	
Asiatic Turkey	1
Germany	1
	336

Admission.

NO one can be admitted to the Freshman class until he has completed his fifteenth year, nor to advanced standing without a corresponding increase of age.

All candidates for admission to the College must, before examination, present satisfactory testimonials of good moral character.

SUBJECTS OF EXAMINATION FOR THE CLASSICAL COURSE.

Examination (chiefly written) in the following subjects is required of all candidates for admission to the Freshman class: —

Latin. — (1) Cæsar's *Gallic War*, Books I.–IV., or an equivalent amount of Cæsar's *Civil War*, Cornelius Nepos, or Sallust; Cicero's *Orations against Catiline* and *for Archias*, with questions on the subject-matter and on grammar, including the rules for pronunciation; Virgil's *Æneid*, Books I.–VI. (or *Eclogues* and *Æneid*, Books I.–V.), with questions on the subject-matter and on prosody.

(2) Translation at sight of average passages from Cæsar, Cicero's *Orations*, the *Æneid*, and Ovid's *Metamorphoses*, with general questions on grammar, prosody, history, and antiquities suggested by the prescribed passages.

(3) Translation into Latin of a passage of connected English narrative based upon some portion of the prescribed prose.

Candidates are expected to familiarize themselves with the Roman method of pronunciation, as given in the Scheme prepared by the Cambridge (England) Philological Society, 1887.

Greek. — (1) Greek Grammar; twenty exercises in Jones's Greek Prose Composition; four books of Xenophon's *Anabasis*, or one hundred pages of Goodwin's Greek Reader; and three books of Homer's *Iliad*.

(2) Translation at sight of average passages from various Greek authors, with questions suggested by the prescribed passages.

Mathematics. — Arithmetic, with the metric system; Algebra, through quadratic equations, including radical quantities, together with proportion, arithmetical and geometrical progressions, and the binomial theorem for positive integral exponents; and Plane Geometry.

English. — (1) A short composition, correct in spelling, punctuation, division into paragraphs, grammar, and expression, on a theme drawn from one of several books previously designated.

(2) Criticism of specimens of incorrect English.

The subjects for examination during the coming four years will be drawn from works of standard English Literature, as follows: —

1892. — Shakespeare's *Julius Cæsar* and *As You Like It*; Scott's *Marmion*; Longfellow's *Courtship of Miles Standish*; The *Sir Roger de Coverley Papers* in the *Spectator*; Macaulay's *second Essay on the Earl of Chatham*; Webster's *first Bunker Hill Oration*; Irving's *Alhambra*; Scott's *Talisman*; George Eliot's *Scenes from Clerical Life*; Hawthorne's *House of the Seven Gables*.

1893. — Shakespeare's *Julius Cæsar* and *Twelfth Night*; Scott's *Marmion*; Longfellow's *Courtship of Miles Standish*; The *Sir Roger de Coverley Papers* in the *Spectator*; Macaulay's *second Essay on the Earl of Chatham*; Emerson's *American Scholar*; Irving's *Sketch Book*; Scott's *Ivanhoe*; Dickens' *David Copperfield*.

1894. — Shakespeare's *Julius Cæsar* and *Merchant of Venice*; Scott's *Lady of the Lake*; Arnold's *Sohrab and Rustum*; The *Sir Roger de Coverley Papers* in the *Spectator*; Macaulay's *second Essay on the Earl of Chatham*; Emerson's *American Scholar*; Irving's *Sketch Book*; Scott's *Abbot*; Dickens' *David Copperfield*.

1895. — Shakespeare's *Merchant of Venice* and *Twelfth Night*; Milton's *L' Allegro*, *Il Penseroso*, *Comus* and *Lycidas*; Longfellow's *Evangeline*; The *Sir Roger de Coverley Papers* in the *Spectator*; Macaulay's Essays on *Milton* and *Addison*; Webster's *first Bunker Hill Oration*; Irving's *Sketch Book*; Scott's *Abbot*.

Modern Languages. — Neither French nor German is *required* for admission; but candidates are advised and encouraged to offer one or both of these languages on their entrance to college, and students who pass examination on a year's work in either of these subjects as specified in entrance examinations for the Scientific Course, p. 25, will be credited as entering "with honor" in that subject, and may be assigned at once to a section for advanced work.

Ancient History. — History of Greece to the death of Alexander, with outlines of Greek Geography; History of Rome to the death of Marcus Aurelius, with outlines of Roman Geography.

SUBJECTS FOR EXAMINATION FOR THE SCIENTIFIC COURSE.

Candidates for admission to the Scientific Course are examined in Mathematics, English, Ancient and Modern History, Geography; in *two* of the following three languages, Latin, French, and German; and in either Physics or Chemistry. The following are the requirements in the several subjects: —

Mathematics. — Same as for Classical Course.

English. — Same as for Classical Course.

Ancient History. — Same as for Classical Course.

Modern History. — History of England since 1461, and of the United States.

Geography. — Modern Geography.

Latin. — *Minimum requirement* (not to be followed by the study of Latin in college), Cæsar's *Gallic War*, Books I.–IV.; Cicero, three orations, or Virgil's *Æneid*, Books I. and II. *Maximum requirement*, the same as for the Classical Course. Only those who present the maximum requirement are allowed to take the Latin of the Freshman year.

French. — The Elementary work of the first three terms in college or an equivalent. This includes a thorough knowledge of the grammar (*e.g.* Whitney, Edgren, or Otto), with ability to translate the themes and exercises, and the critical reading of four hundred pages of historical or descriptive French prose.

German. — The work of the first three terms in college, or its equivalent; which must embrace a thorough knowledge of forms, including the parts of the strong verbs, the rules for word order, and the more common rules of Syntax; reading at sight; and the translation into German of simple English prose. The amount of text presented must not be less than two hundred and fifty pages.

Physics. — The scope of this requirement is indicated by such a book as Gage's Introduction to Physical Science.

A student who has pursued a laboratory course will receive credit for such work on presenting his original note-book with the record of his experiments, properly certified by his instructor.

Chemistry. — General laws and theories of Chemistry, and the occurrence, preparation, and properties of the non-metallic elements and their compounds, as stated in such text-books as Richter, Remsen, or Harris.

TIME, PLACE, AND ORDER OF EXAMINATIONS.

The first examinations for admission begin at nine o'clock A.M., on Thursday (June 23, 1892) of the week preceding Commencement, and continue for two days. The result of these examinations is sent to the candidates, by mail, within two weeks after the examinations are held. The second examinations for admission begin at nine o'clock A.M., on the last Tuesday of the summer vacation (September 13, 1892), and continue for two days.

These regular examinations for admission to the College are held in WALKER HALL, at Amherst; and all candidates should present themselves promptly at the hour assigned for registration. Similar examinations are conducted simultaneously in large cities, and at preparatory schools elsewhere, when necessary; and under such circumstances a fee of five dollars is required of each candidate before examination. Candidates who desire to be examined elsewhere than at Amherst should send their names to the Registrar in season to be received not later than May 1.

The order of examinations, in both June and September, is as follows: —

In the forenoon of the first day, *Registration* at nine o'clock, *Latin Prose Composition* at half-past nine, *Cæsar* and *Cicero* at half-past ten, *Virgil*, *Ovid*, and *Latin Prosody* at a quarter before twelve; and in the afternoon, the *Anabasis*, *Physics*, and *Chemistry* at a quarter past two o'clock, the *Iliad* and *Modern History* at a quarter past three, and *translation of Greek at sight* and *Modern Geography* at half-past four.

In the forenoon of the second day, *French* and *German* at nine o'clock, *Ancient History* at ten, *English* at a quarter past eleven; and in the afternoon, *Geometry* at a quarter past two, *Algebra* at a quarter past three, and *Arithmetic* at half-past four.

ADMISSION ON CERTIFICATE.

From certain preparatory schools of approved standing, certificates of fitness to enter college are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar. On these forms it is distinctly stated that such admission by certificate allows a student to enter college conditionally upon his proving himself able to do the full work of his class; and at any time during the Freshman year he may be dropped from the class in case his work is not satisfactory.

PRELIMINARY EXAMINATIONS.

Candidates are allowed to take examinations in any of the subjects, and, if the student is successful in five or more papers, credit will be given for one year.

THE PORTER ADMISSION PRIZE.

A few days after the opening of the college year a special competitive examination upon the subjects required for admission to college is held; the successful contestant receives the Porter Admission Prize of fifty dollars, and his name, together with that of the school at which he prepared for college, with the name of its principal, is published in the Catalogue.

CONDITIONS.

All candidates are recommended to present themselves at the June examinations, so that they may have an opportunity to cancel in September any conditions then received.

Those who remain conditioned after the September examinations, or receive conditions at that time, are required to study under teachers authorized by the examiners, and a fee is uniformly charged.

ADMISSION TO ADVANCED STANDING.

No student can be admitted to advanced standing later than the beginning of the second term of the Senior year.

Candidates for admission to advanced standing are examined in the studies which have been pursued by the class they wish to enter, and also in the requirements for admission to the College, if advanced standing has not been regularly attained in another college. For the particular books in Greek, Latin, or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language, but prose will not be accepted for poetry.

The Course of Study.

THE undergraduate course of study extends through four years. It is the aim of the College, by a liberalizing course of study, to develop power and character in the student, rather than to make specialists in any department. The liberally educated man, it is believed, is best fitted for success in special work in his subsequent life. Whether he is a candidate for the degree of Bachelor of Arts or for that of Bachelor of Science, the student is advised to take work in each of the departments of Philosophy, History and Art, Language and Literature, Mathematics and Natural Science. The courses of study are so arranged as to afford to each student opportunity for acquiring the culture which comes from a limited amount of careful work in each of these great departments of liberalizing study. Each subject of study is taught in its relations to other subjects, comprehensively, with an eye to its historic development, and yet with the minute accuracy which is essential to the broadest and most effective training.

In the Classical Course the studies of the Freshman year are prescribed, except that choice is allowed between French and German. In the Sophomore year the student elects four studies from among twelve courses offered, but one of the studies chosen must be Greek or Latin, and another must be Mathematics or a Natural Science. During the Junior and Senior years, the choice of studies is unrestricted, except that a thorough introduction to the study of Physics and at least one term's work in Ethics and the Duties of Citizenship are prescribed as essential to the taking of the degree.

The course which leads to the degree of Bachelor of Science has been thoroughly revised and greatly enriched. The large and well-equipped laboratories for Physics and Chemistry now under construction, the enlarged Biological Laboratory, and the rearrangement of the Geological and Mineralogical collections, increase the facilities for broad and thorough work by undergraduates in Natural Science. The new course of study requires preparation in two languages beside English, and calls for proficiency in the use of French as an instrument in study, and for a fair knowledge of German, as requisite to the attainment of the degree. At least two courses in Natural Science are prescribed

in each year; but there is large room for choice in selecting the work to be done in science, and courses in History, Philosophy, and Literature, as well as Language, are open to students in each year, and in certain terms are required. The course aims at giving a liberalizing culture through studies chiefly in the realm of Natural Science, and not at imparting a narrow technical training.

Philosophy, History, and Political Science.

POLITICAL ETHICS — DUTIES OF CITIZENSHIP — SOCIAL SCIENCE.

A course in Ethics is given to the Senior class in the second term by the President of the College. This course deals with the theory of the State, the origin and authority of law, the nature and the limits of sovereignty in a democratic republic, the ethical principles which govern the relations of the citizen to his fellow-citizens and to the State, the duties of citizenship in general, and of citizenship in the United States in particular. It includes a comprehensive survey of the trend of thought, of public opinion, and of positive legislation in the advancing civilization of the world.

The aim of the course is, by the philosophic study of the social and political relations of the individual to his fellow-citizens and to the State, to promote that moral thoughtfulness on these subjects which is the strongest element in true patriotism.

While the limits of the course preclude an exhaustive study of ethical principles, the introductory work of necessity concerns itself with the foundation of morals. Free and full questioning and discussion is encouraged in the lecture-room. Supplementary courses of lectures upon Social Science and upon questions of social and political reform are given during the year by the President of the College, by specialists from other institutions, and by men who are prominent for their practical knowledge as well as for their theoretic study of the questions and measures on which they write and speak.

Four hours a week. — Lieber's Political Ethics, with lectures.

One hour a week. — Discussions with the President.

PHILOSOPHY.

The course in Philosophy begins with the last term of Junior and extends through Senior year. It is carried on by means of lectures and recitations, and as far as possible the philosophers and their critics are studied from their own works. The aim is to secure the discipline of

the student in habits of philosophic thought, and to lead him to the sources of adequate knowledge of himself, and of his relation to nature, to his fellow-men, and to God.

The course includes the following sub-courses, several of which are taken simultaneously, and their parts so synchronized as to present the chief topics of investigation from the point of view of the history of the discussions in (1) philosophy, (2) ethics, (3) psychology. In this way the student is brought to realize the progressive character and interdependence of the successive systems of philosophy and ethics, and to reach a clearer conception of the spiritual philosophy, and its more important and profound applications to science, art, morality, and religion.

Sub-courses. 1. Outline of Physiological Psychology. 2. History of Materialism. Theory of Evolution. 3. Dreams. Hallucinations. Hypnotism. 4. Psychology of Sense and Understanding, with application to questions of Pedagogics. 5. Utilitarianism. History of Ethical Theories. Positivism. 6. Sophists. Socrates. Plato. Aristotle. 7. Locke. Berkeley. Hume. Mill. Spencer. 8. Lectures on Descartes, Kant, Fichte, Schelling, Hegel, Lotze, with selections from Descartes, Kant, and Lotze. 9. Dr. Hickok's Doctrine of the Reason, and his Ethics. 10. Æsthetics. 11. Ethical Theories, and public life of Greece and Rome from the time of the Sophists to the Christian Era. Christian Apologetics. History and Exposition of Christian Doctrines. Philosophy of Religion. 12. Outline of History of Philosophy from Thales to the present time.

FIRST TERM: *four hours a week.* — Lectures and recitations.

SECOND TERM: *four hours a week.*

THIRD TERM: *four hours a week.*

FOURTH TERM: *four hours a week.*

HISTORY.

The study of History covers Junior and Senior years. The course begins with a *résumé* of ancient history, in which the contributions of each historic period and people are reviewed. In the fuller study of mediæval and modern history which succeeds, a like aim is followed. During the second half of Junior year the political and constitutional history of England previous to 1765 receives particular attention. Two thirds of the course of Senior year are given to the political and constitutional history of the United States. The means of instruction are text-books, lectures, regular and frequent examinations, abstracts, and essays upon topics assigned each student.

First Term: *four hours a week.* — Outline of Ancient History. — Mediæval Europe: Germanic Institutions; Holy Roman Empire; the Papacy; Feudalism; the Crusades.

Second Term: *four hours a week.* — The Development of Nationalities; The Renaissance; the Reformation; the English Revolutions of the Seventeenth Century.

Third Term: *four hours a week.* — Europe from the struggle against Louis XIV. to the close of the French Revolution. — America: the Colonial Period; the War of Independence; the National Period of the United States to the overthrow of the Federalists.

Fourth Term: *three hours a week.* — (1800-1829.) Europe: the Napoleonic Wars; the Holy Alliance. — The United States: the Inauguration of Jefferson to that of Jackson.

Fifth Term: *three hours a week.* — (1829-1854.) Europe: the Revolutions of 1830 and 1848; the Establishment of the Second Empire in France. — The United States: from the beginning of Jackson's Administration to the Kansas-Nebraska Bill; the growth of sectionalism.

Sixth Term: *three hours a week.* — (Since 1854.) Europe: the Crimean War; the Franco-Prussian War; the Unification of Italy; the New German Empire. — The United States: since the repeal of the Missouri Compromise; the Civil War; Reconstruction.

POLITICAL ECONOMY.

A topical analysis of the subject, with references to important authorities, is made the basis of the work. In the class-room the course is carried on by means of recitations, discussions, lectures, abstracts, essays, and frequent examinations. A syllabus of the results attained is placed in the hands of each student daily.

First Term: *four hours a week.* — Economic Theory. An analysis of industrial society, the aim of which is thorough acquaintance with the Principles of Political Economy and correct methods of analysis. — Mill, Walker, Clark, Marshall.

Second Term: *four hours a week.* — The Silver Question; the Problem of Distribution; the Principles of Taxation, with especial reference to the Tariff Question; Theories of Free Trade and Protection; the History of Tariff Legislation in the United States; the Existing Tariff; Public Credit.

The work of this term is open to those only who have taken the first term.

Third Term: *four hours a week.* — The Labor Question; Socialism; Social Reform; Immigration; Relation of the State to Transportation.

The work of this term is open to those only who have taken the first term.

INTERNATIONAL LAW.

The methods of instruction are like those followed in Political Economy.

Four hours a week. — Woolsey.

Language and Literature.

GREEK.

The College adheres to its old requirement of Greek as a condition of entrance to the course leading to the degree of Bachelor of Arts, and as one of the principal studies of the Freshman and Sophomore years. It insists on the mastery of this language as an invaluable discipline of the mind, and as an indispensable foundation for a scholarly knowledge of the languages and literatures, not only of the ancient but of the modern European world.

In Freshman year Greek is taken by all students of the Classical Course; in Sophomore year it is an alternative with Latin; in Junior and Senior years it is elective. Special care is given during the first year to etymology, syntax, prosody, the composition of words, and the structure of sentences. As the student advances, however, and his knowledge of rudimentary forms can be increasingly taken for granted, more relative attention is given to style and thought, and to the life and literature of the people; this makes possible a much more extensive reading of Greek authors than could formerly be attained. It is the aim of the department to secure not only facile and rapid reading, but also, as far as possible, a true appreciation of the style and spirit of the Greek writers, and acquaintance with the treasures of wisdom and knowledge embodied in their works. Along with the study of the language is given an extended course of lectures on the Greek literature.

First Term: *four hours a week.* — Homer's Odyssey; Jebb's Primer of Greek Literature.

Second Term: *four hours a week.* — Alcestis of Euripides; Jebb's Primer of Greek Literature.

Third Term: *four hours a week.* — Selections from Herodotus; Jebb's Primer of Greek Literature.

Fourth Term: *four hours a week.* — Sophocles or Lysias, with lectures on the Greek Drama.

Fifth Term: *four hours a week.* — Demosthenes: De Corona or Select Orations, with lectures on the Attic Orators.

SIXTH TERM: *four hours a week.* — Drama, with lectures, or Plato's Apology and Crito.

SEVENTH TERM: *four hours a week.* — Homer's Iliad, with lectures on the Greek Poets.

EIGHTH TERM: *four hours a week.* — Aristophanes and Pindar, or Theocritus.

NINTH TERM: *four hours a week.* — Plato's Gorgias, with lectures on the Greek Philosophers; Xenophon's Memorabilia, at sight.

TENTH TERM: *three hours a week.* — Thucydides.

ELEVENTH TERM: *three hours a week.* — Plato's Republic; Aristotle's Politics.

TWELFTH TERM: *three hours a week.* — Plato's Gorgias.

LATIN.

In the work of the Freshman year special attention is given to the structure of the Latin sentence, as illustrated in select portions of the writings of Cicero, Livy, and Horace, and as unfolded through frequent written and oral exercises in Latin prose composition and through the practice of reading prose Latin at sight. In the Sophomore year the study of the language is continued in an examination of the structure of the word, involving an analysis of its oldest forms, and an explanation of their changes into those of the Latin of the classical period, particularly in connection with the reading of Plautus. But, from the beginning of the year, the chief object of the course is the study of Latin literature, through a critical reading of selections from the most important authors. This reading is accompanied in the Sophomore year by the study of Roman archæology and topics in the history of the Ante-classical and Golden Ages, and in the Junior year by a study of topics in the history of the Silver Age of Latin literature. In the Senior year the subjects of study are the philosophical writings of Cicero and Lucretius, selections from Christian Latin literature, prose and poetry, and the Institutes of Justinian, with topics on the origin and formation of the Christian Latin dialect, and the history of Roman jurisprudence.

FIRST TERM: *four hours a week.* — Cicero De Officiis or De Senectute and De Amicitia; Potts' Hints towards Latin Prose Composition, and exercises in reading Latin at sight.

SECOND TERM: *four hours a week.* — Livy, Books xxi. and xxii., with exercises in Latin Composition and in reading Latin at sight.

THIRD TERM: *four hours a week.* — The Odes, Epodes, and the Carmen Sæculare of Horace, with the Horatian Metres.

FOURTH TERM: *four hours a week.* — The Trinummus or Captivi of Plautus, *six weeks;* the Germania and Agricola of Tacitus, *eight weeks;* exercises in Latin Philology.

FIFTH TERM: *four hours a week.* — Selections from the Letters of Pliny and Cicero; Cicero on the Immortality of the Soul, at sight; lectures on Roman Archæology; topics in the History of Latin Literature.

SIXTH TERM: *four hours a week.* — The Satires and Epistles of Horace; Selections from Catullus; lectures on Roman Archæology; topics in the History of Latin Literature.

SEVENTH TERM: *four hours a week.* — Seneca, Selections from the Essays and Epistles; Quintilian, De Institutione Oratoria, Books x. and xii.

EIGHTH TERM: *four hours a week.* — Martial, Epigrams; Tacitus, Histories, and Annals, Book vi.

NINTH TERM: *four hours a week.* — Roman Satire: selections from Persius and Juvenal.

TENTH TERM: *three hours a week.* — Selections from the De Rerum Natura of Lucretius; Cicero De Natura Deorum.

ELEVENTH TERM: *three hours a week.* — Tertullian, Apologeticus; Latin Hymns, March's Selections.

TWELFTH TERM: *three hours a week.* — The Institutes of Justinian.

SANSKRIT.

An elective course in Sanskrit and Pāli is offered as a preparation for special work in comparative philology, and as an introduction to the study of the religions and literatures of India.

FIRST TERM: *four hours a week.* — Whitney's Grammar; Lanman's Reader, Nala.

SECOND TERM: *four hours a week.* — Whitney's Grammar; Lanman's Reader, Stories from Hitopadeça.

THIRD TERM: *four hours a week.* — Whitney's Grammar; Lanman's Reader, Extracts from Manu.

RHETORIC.

Rhetoric is a required study during the second and third terms of Freshman year, and prepares in general for the work of Sophomore year in Rhetoric, as well as particularly for the work in Rhetoric and Public Speaking of Junior and Senior years. This course is more fully described on page 37.

The study of Rhetoric in Sophomore year is elective, beginning with the first term, and continuing three terms.

The aim of the course is to supply such principles and practice as are to be most serviceable in after life. To this end the study of theory and the criticism of literary models, while no less carefully and prominently attended to, are subordinated to the practical purposes of constructive Rhetoric. Beginning with copious exercise in the choice of words and in sentence-structure, the course thus proceeds, through the fundamental processes and forms of discourse, until the final exercises and essays represent thorough training in the various details of literary work.

THIRD TERM: *four hours a week.* — Genung's Elements of Rhetoric, Part I., with written exercises.

FOURTH TERM: *four hours a week.* — Genung's Elements of Rhetoric, Part II., with written and critical exercises.

FIFTH TERM: *four hours a week.* — Composition, Criticism, and readings in standard Prose writers.

ENGLISH LITERATURE.

The study of Rhetoric prepares for the study of English Literature, which begins with the Summer Term of the Junior year, and is continued to the end of the Senior year. Beginning with the Anglo-Saxon period, the study is pursued to the modern period, and the course is entirely elective. Its aim is to secure an acquaintance with the prominent authors of prose and verse. A degree of familiarity with a few writers is sought rather than information about many.

In studying the earlier periods of the literature the students are assisted to discover the peculiarities of the authors by text-books, by lectures, and by discussion of the principles of literary criticism.

From the beginning of the Senior year the students work more independently. During the first two terms two weeks are devoted to the study of each author. Extended essays are read before the several divisions of the class upon the author of the week, each member of the class reading one such essay every term. The divisions are prepared to criticise these essays by means of the previous study of topics and examination upon them. These topics are so selected as to cover the ground of assigned readings and to direct the student in his critical study. The Summer Term of the Senior year is entirely given to the study of Shakespeare.

FIRST TERM: *four hours a week.* — General outline of the environment of the early literature, with some account of the principal writers. Special time and attention are given to Chaucer, Spenser, Bacon, Milton, and Dryden.

SECOND TERM: *four hours a week.* — Particular study, according to the method described above for the first two terms of Senior year, of the prose writers of the eighteenth and early part of the nineteenth centuries. In the Fall Term of 1891 the class studied Addison, Swift, De Quincey, Lamb, Burke, and Macaulay.

THIRD TERM: *four hours a week.* — The poets of the same period are studied in the same way. During the Winter Term of 1892 the class are studying Pope, Burns, Byron, Shelley, Wordsworth, and Arnold.

FOURTH TERM, Course A: *four hours a week.* — One tragedy of Shakespeare is interpreted to the class line by line. Four other plays are studied by the class with the aid of annotated texts and commentaries, and upon this study written examinations are required. This course is open to any one in the class, whether he has taken the previous courses or not.

Course B: *four hours a week.* — This course is restricted to a very few of those who have elected the three previous terms of English Literature. The work is done by each student under the direction of the teacher, but with no stated recitation. In the Summer Term of 1892 those who elect this course will be required to present, at the end of the term, a thesis on a comparison between the poets Browning and Tennyson.

BIBLICAL LITERATURE.

During the first and second terms of Junior year and the third term of Senior year the Bible is studied as an elective. The study is prosecuted from the standpoints of history and literature. The student is encouraged and directed in independent investigation. Topics of study are suggested, references for reading are furnished, the results of personal research and thought are presented in condensed written form and submitted for criticism. From time to time summaries are given by the instructor. Frequent written recitations occur. This course is particularly intended to emphasize and set forth the relation of the history and literature of the Bible to general history and literature.

FIRST TERM: *four hours a week.* — Biblical History and Poetry.

SECOND TERM: *four hours a week.* — Biblical Prophecy and New Testament Epistles.

THIRD TERM: *four hours a week.* — The Gospels.

LOGIC, RHETORIC AND PUBLIC SPEAKING.

LOGIC. — This is an elective study during the third term of Sophomore year and the first term of Junior year. The instruction is by means of text-books — Jevons' Elementary Lessons and Jevons' Studies in Deductive Logic — examples for praxis, informal lectures, discussions and frequent examinations.

RHETORIC. — This is a required study during the second and third terms of Freshman year, and prepares for the more advanced work of Junior and Senior year in the department of Logic, Rhetoric and Public Speaking. The course aims to give the student practice in the forms of composition used in professional and public life. The instruction is by means of lectures and familiar talks, and careful criticism of all the written work of the student. The Armstrong prizes are awarded in connection with this course.

PUBLIC SPEAKING. — This is an elective study during the third term of Sophomore year and the first and second terms of Junior year. While a prominent feature of the course is instruction in the composition and delivery of orations, there are also, each week, debates, discussions, and speeches corresponding to the varied demands of professional and public life. As the aim of the course is to afford, with training in public speaking of all kinds, especial preparation for the duties of citizenship, the subjects treated refer largely to our political history and to questions of social reform and economic interests. The Whiteman, Leffingwell, and Lester prizes are awarded in connection with these exercises.

Preparatory to the elective course in public speaking are exercises in elocution, required of both the Freshman and Sophomore classes. As much class work is done as the size of the class and the time allotted for this exercise allow; but the main dependence is placed upon individual training. The Kellogg prizes are awarded in connection with these exercises.

The final prescribed work in public speaking consists of weekly class debates, during the three terms of Senior year, for the purpose of cultivating proficiency in extemporaneous speaking. The Hardy prizes are awarded in connection with these exercises.

Members of the Senior class competing for the Hyde and Bond prizes receive individual training in the preparation of their orations.

FIRST TERM: *Freshmen.* — Declamations: *one hour a week.* *Juniors.* — Inductive Logic: *one hour a week;* Public Speaking: *three hours a week.* *Seniors.* — Debates: *one hour a week.*

SECOND TERM: *Freshmen.* — Declamations: *one hour a week*; Rhetoric: Lectures, Exercises and Essays: *one hour a week.* *Sophomores.* — Declamations: *one hour a week.* *Juniors.* — Public Speaking: Debates, Discussions, Speeches, Orations: *four hours a week.* *Seniors.* — Debates: *one hour a week.*

THIRD TERM: *Freshmen.* — Rhetoric: Lectures, Exercises and Essays: *one hour a week.* *Sophomores.* — Deductive Logic: *three hours a week*; Public Speaking: Debates: *one hour a week.* *Seniors.* — Debates: *one hour a week.*

GERMAN.

The study of German covers a period of six terms, beginning regularly the first term of Freshman year, where it is optional with French, but open also to Sophomores and Juniors, who have not previously taken German. Freshmen taking the Scientific Course, who have offered German for admission, begin the study with the work of the second year.

The work of the first term is elementary, embracing the study of grammatical forms, the acquiring of a correct pronunciation, conversational exercises, the turning of simple English sentences into German, and the reading of a large amount of simple German prose. In the second and third terms the classical authors are taken up with more advanced German work, written exercises, sight reading, and the outlines of German literature.

In the work of the fourth and fifth terms special attention is given to the life and works of Goethe, and in the sixth term to examples of recent German literature in connection with lectures on German life. A portion of the last three terms is devoted to reading scientific German.

FIRST TERM: *four hours a week.* — Joynes-Meissner's Grammar; Joynes' Reader; Exercises in writing.

SECOND TERM: *four hours a week.* — Joynes-Meissner's Grammar; Joynes' Reader; Exercises in writing and sight-reading. *Minimum division*, Schiller's Maria Stuart; *Maximum division*, Lessing's Emilia Galotti.

THIRD TERM: *four hours a week.* — Joynes-Meissner's Grammar; outlines of German literature. Sight-reading. *Minimum division*, Schiller's Wallenstein or Wilhelm Tell; *Maximum division*, Selections from Goethe's Prose.

FOURTH TERM: *four hours a week.* — Selections from Goethe's Prose; Study of Goethe's life and works; Scientific German.

FIFTH TERM: *four hours a week.* — Goethe's Faust; Scientific German.

SIXTH TERM: *four hours a week.* — Selections from recent German literature; Lectures on German life; Scientific German.

FRENCH.

A two years' course in French is offered to every student. Special attention is paid during the first term to *phonetics*, the acquiring of a correct pronunciation and accent, the study of forms, the accurate rendering of French into idiomatic English, composition, and the writing of French from dictation. In the second and third terms, the reading is more rapid, with grammatical study as related to syntax, the harmony of tenses, use of participles, the negatives, the force of the subjunctive, the history of words, the origin and formation of the language, outlines

of French literature, with dictation and composition. The work is mainly devoted to the language, but at the same time, a good knowledge of the literature, the life, and institutions of the people is gained by the critical study of choice selections from the classic and modern authors.

In the course of the second year, the critical reading of certain authors is continued with the study of synonymes and idioms, composition, and reading at sight, but the attention is particularly directed to the study of the literature. The reading embraces a wider range of authors and subjects, and is supplemented through the year by lectures on the literature of special periods. Besides the general class-work, a particular author or subject is assigned during each term to each student for special study, and the result of such study is presented to the class in an essay. In assigning this work, the preferences of the individual student are consulted in order that the knowledge thus acquired may be of greater practical advantage in his subsequent studies.

FIRST TERM: *four hours a week.* — Whitney's Practical French Grammar, Part I., or Crouslé's Grammaire de la Langue Française, 1er Partie; Thierry's Récits des Temps Mérovingiens, I.; Lebaigue's La Lecture Expliquée; Writing French from dictation.

SECOND TERM: *four hours a week.* — Whitney's Grammar, Part II., or Crouslé's Grammaire, 2me Partie, Syntaxe; Thierry's Récits, II., III.; Racine's Athalie; Lebaigue's La Lecture Expliquée; History of the origin and formation of the French language; Dictation; Composition; Essays; Outside reading, De Rougemont's La France.

THIRD TERM: *four hours a week.* — Whitney's Grammar; Lacombe's Histoire du Peuple Français; Feuillet's Le Roman d'un jeune Homme pauvre; Victor Hugo's Hernani; Outline of French literature; Outside reading, Super's Readings from French History.

FOURTH TERM: *four hours a week.* — Literature of the nineteenth century: Selections from Alfred de Musset, Lamartine, Victor Hugo, and François Coppée: Pailleron, Le Monde où l'on s'ennuie; Outside reading, Crane's Le Romantisme français; Written Translations; Compositions; Essays; Lectures.

FIFTH TERM: *four hours a week.* — Literature of the seventeenth century: Corneille, Polyeucte; Racine, Brittanicus; Molière, Les Femmes savantes; Selections from Pascal, La Bruyère, and Bossuet; Outside reading, Crane's La Société française au XVIIe Siècle; Written Translations; Essays; Lectures.

SIXTH TERM: *four hours a week.* — Early literature, twelfth to the sixteenth century: Selections from La Chanson de Roland, Joinville, Froissart, Rabelais, Montaigne; Essays; Lectures.

ITALIAN.

The study of Italian is elective during three terms in either the Junior or the Senior year. The work of the first term includes exercises in pronunciation, the study of grammar, and of the historical development of the language, oral exercises, and the reading of selections from authors of the present century. During the second term attention is given to the history of Italian literature and the reading of select works from modern authors. The third term is devoted to the study of Dante and the Divina Commedia, with the writing of essays on topics relative to Dante and his works.

FIRST TERM: *four hours a week.* — Montague, Italian Grammar; Italian Reader.

SECOND TERM: *four hours a week.* — Goldoni, Commedie Scelte; Manzoni, I Promessi Sposi; Reading at sight and private reading for examination; Essays.

THIRD TERM: *four hours a week.* — Dante, Divina Commedia; Critical reading of selections from the *Inferno*, and private reading of passages from the *Purgatorio*, or *Paradiso*, for examination; Essays.

Mathematics and Natural Science.

MATHEMATICS.

FIRST TERM: *four hours a week.* — Solid and Spherical Geometry, *nine weeks;* Algebra, including choice, the binomial theorem and logarithms, *five weeks.*

SECOND TERM: *four hours a week.* — Algebra, including the study of chance, series, determinants, and the theory of equations.

THIRD TERM: *four hours a week.* — Plane and Spherical Trigonometry.

FOURTH TERM: *four hours a week.* — Analytic Geometry of the Conic Sections.

FIFTH TERM: *four hours a week.* — Differential Calculus.

SIXTH TERM: *four hours a week.* — Integral Calculus.

SEVENTH TERM: *four hours a week.* — Integral Calculus, *continued;* Differential Equations, with especial reference to the advanced courses in Physics.

EIGHTH TERM: *four hours a week.* — Quaternions, with application to Analytic Mechanics.

NINTH TERM: *four hours a week.* — Course of preceding term continued.

PHYSICS.

First and Second Terms: *four hours a week.* — General Physics, including Mechanics of solids, liquids, and gases; Sound; Heat; Electricity and Magnetism; and Light.

A supplementary course of two hours per week laboratory work is open to all students taking the above course, and laboratory work is required in connection with all subsequent work.

Third Term: *four hours a week.* — Special topics, such as Thermodynamics, Capillarity, and Physical Optics, taken in a more comprehensive way than is possible in the preceding terms. This course, which involves more mathematics than the foregoing, necessitates an elementary knowledge of Calculus.

Students who expect to take the following courses are urged to take the full course in mathematics of Junior year, as a good working knowledge of Calculus is indispensable.

Fourth Term: *three hours a week.* — Mathematical theory of Electricity and Magnetism, treating Electrostatics and the phenomena of continuous currents, giving a theoretical basis on which the questions which arise in applied electricity may be intelligently approached.

Fifth Term: *three hours a week.* — The theory of Alternating Currents, with discussions of the related practical questions which are of the greatest scientific interest. Also a discussion of the electromagnetic theory of Light.

Sixth Term: *three hours a week.* — Physical Optics, based on Preston's Theory of Light, with special reference to the optical properties of crystals, polarization phenomena, etc.

ASTRONOMY.

There are two elective courses: the first, pursued during the first term of Senior year, a course in elementary astronomy, in which the history, fundamental facts and principles, latest developments and probable future of the science are dealt with and a foundation laid for the subsequent work; the second, pursued during the third term of Senior year, a course in more advanced astronomy, in which the chief topics in practical and theoretic astronomy are systematically dealt with, and the methods and results of the modern astronomy are fully dwelt upon. This course includes the theory of the construction of the astronomical ephemeris, or nautical almanac, with illustrations of the applications of this theory to the derivation of numerical results. About one-half of the course is devoted to the theory of the construction, mounting, adjustment, and use of the principal instruments of the astronomical observatory; each

student making observations with these instruments, and himself completely calculating and reducing them.

FIRST TERM: *four hours a week.* — Young.

SECOND TERM: *four hours a week.* — Practical; Theoretical; Observatory work.

CHEMISTRY.

The following courses are offered by the Chemical Department:—

COURSE A. — GENERAL CHEMISTRY.

This course begins about the middle of the first term of Sophomore year, and continues through the remainder of the year. The history of the science, together with the fundamental laws and theories, are first considered. Then instruction is given, by means of lectures, recitations, and laboratory work, upon the non-metals and their compounds. After this the more commonly occurring metals and their compounds are taken up in like manner. The course concludes with a brief course of lectures upon the carbon compounds.

COURSE B. — QUALITATIVE ANALYSIS (1).

This course extends through the first term of Junior year. It consists almost wholly of work in the laboratory, where the student first learns the characteristic reactions for all the common metals and acids, and then applies these tests in the qualitative determination of simple solutions. The course concludes with a short course in blow-pipe analysis and the determination of a series of dry substances. The work is accompanied by a course of lectures upon some of the most important industries in which chemical methods are largely used.

COURSE C. — QUALITATIVE ANALYSIS (2).

This course, which extends through the second term of Senior year, continues the work of the previous term. The student is instructed in the qualitative separation of metals in mixed solutions. The course concludes with the determination of a number of well-known minerals. During this term lectures are given upon the "Molecular Forces."

COURSE D. — QUANTITATIVE ANALYSIS.

This course extends through the first two terms of Senior year. The student is first taught the use of the balance, and then proceeds to the quantitative determination of a number of simple salts. After this follows the quantitative separation and determination of more or less complicated compounds, involving volumetric as well as gravimetric methods. The course concludes with the quantitative determination of a series of minerals.

COURSE E. — ORGANIC PREPARATION AND ANALYSIS.

This course extends through the spring term of Senior year. The student prepares and analyzes a number of the compounds of carbon selected to illustrate the various groups and classes. The work is accompanied by lectures upon the carbon compounds.

COURSE F. — WATER ANALYSIS.

COURSE G. — URINARY ANALYSIS.

COURSE H. — IRON AND STEEL ANALYSIS.

Any two of the last three courses may be taken in place of Course E, during the spring term, Senior year.

FIRST TERM: *four hours a week.* — History, laws, and theories of Chemistry.

SECOND TERM: *four hours a week.* — Lectures and laboratory work on the non-metals and metals.

THIRD TERM: *four hours a week.* — Course of second term continued; Lectures on Organic Chemistry.

FOURTH TERM: *four hours a week.* — Qualitative Analysis of the metals; Lectures on Chemical Industries.

FIFTH TERM: *four hours a week.* — Qualitative Analysis of the metals continued; Lectures on molecular forces.

SIXTH TERM: *three hours a week.* — Quantitative Analysis.

SEVENTH TERM: *three hours a week.* — Quantitative Analysis continued; Mineral Analysis.

EIGHTH TERM: *three hours a week.* — Organic preparations and analysis.

MINERALOGY.

Four hours a week. — About half of the term is devoted to Crystallography and half to the study of the physical and chemical properties of minerals and their association in rocks and veinstones. At least two excursions are required. The books used are E. S. Dana's Text-book of Mineralogy and W. O. Crosby's Tables for the determination of minerals. G. H. Williams's Elements of Crystallography is recommended for consultation.

GEOLOGY.

The advanced course in Geology is consequent on the course in Mineralogy. Attention is paid to Structural and Dynamical Geology. At least four excursions are required. Some time during the first term is spent in continuing the study of minerals. A shorter course in Geology

also is offered during the fall term, to cover the Elements of the subject. The excursions and part of the class-room work are with the advanced division.

During the second term the subjects studied are Historical Geology and Physical Geography. It is desirable that those who take this term shall have taken the first year in Biology.

In the third term practical work is offered, the aim being to teach the use of instruments and the methods of geological work. For this purpose portions of field or laboratory work of suitable character are assigned separately to small groups of students, never more than three together, who work under the teacher's supervision and are required to prepare a map or thesis on the work of the term. The student is required to be in the field three afternoons the first half of the term and two the last half.

First Term, Advanced Course: *four hours a week.* — Structural and Dynamical Geology: Dana's Manual of Geology, Geikie's Class Book of Geology.

Popular Course: *four hours a week.* — Elements of Geology: Geikie's Class Book of Geology.

Second Term: *four hours a week.* — Historical Geology and Physical Geography.

Third Term: *four hours a week.* — Field and laboratory work.

HYGIENE AND PHYSICAL EDUCATION.

Instruction in the fundamental laws affecting the health of students is given early in the Freshman year, and a course of lectures and recitations on Human Anatomy and Physiology, illustrated by clastic models and veritable parts of the body, is given in the first term of Sophomore year.

From the large amount of data in the matter of bodily statistics, gathered during the past twenty-seven years in Amherst College, much valuable knowledge is furnished upon the physical condition of the average college student: what some of his possibilities are, and what development and increase of his powers he may hope to obtain.

Personal Hygiene: *one hour a week.*

Human Anatomy and Physiology: *four hours a week.*

BIOLOGY.

The special aim of this department is to furnish the student of medicine and biology with a broad foundation for his future studies; its general aim is to lead every student to a careful examination of the laws which govern the structure, actions, and occurrence of all living forms.

FIRST TERM: *four hours a week.* — General Biology; study of selected forms of plants and animals, with laboratory work.

SECOND TERM: *four hours a week.* — Course of first term continued, with special study of selected cryptogamous plants.

THIRD TERM: *four hours a week.* — Phanerogamic Botany: Gray's School and Field Book; with field work.

FOURTH TERM: *four hours a week.* — Zoölogy of Invertebrates.

FIFTH TERM: Histology, laboratory work, *two hours a week*; Embryology, lectures and demonstrations, *two hours a week*.

SIXTH TERM: *four hours a week.* — Vertebrate Anatomy, laboratory work.

SEVENTH TERM: *four hours a week.* — Zoölogy of Vertebrates: Nicholson's Zoölogy.

Synopsis of the Course of Study

FOR THE DEGREE OF BACHELOR OF ARTS.

NOTE. — For details as to the topics, text-books, and methods of work in each subject, consu pp. 28 to 45. The figure prefixed to a study indicates the term of the study in its course, an the figure following indicates the number of hours a week devoted to the study. Require studies are italicized.

FRESHMAN YEAR.

Elect four hours from the bracketed group.

First Term.	Second Term.	Third Term.
1 *Greek* 4	2 *Greek* 4	3 *Greek* 4
1 *Latin* 4	2 *Latin* 4	3 *Latin* 4
1 *Mathematics* 4	2 *Mathematics* 4	3 *Mathematics* 4
Hygiene 1	1 *Rhetoric* 1	2 *Rhetoric* 1
Declamation 1	*Declamation* 1	
1 French 4	2 French 4	3 French 4
1 German 4	2 German 4	3 German 4

SOPHOMORE YEAR.

Elect four studies, one of which shall be Latin or Greek and one Mathematics or a Natural Science. Elect only one from the bracketed group.

First Term.	Second Term.	Third Term.
4 Greek 4	5 Greek 4	6 Greek 4
4 Latin 4	5 Latin 4	6 Latin 4
Human Anatomy,* 4		
1 Chemistry	2 Chemistry 4	3 Chemistry 4
1 Biology 4	2 Biology 4	3 Biology 4
4 Mathematics 4	5 Mathematics 4	6 Mathematics 4
3 Rhetoric 4	4 Rhetoric 4	5 Rhetoric 4
	Declamation 1	1 Logic and Public Speaking 4
1 French 4	2 French 4	3 French 4
4 French 4	5 French 4	6 French 4
1 German 4	2 German 4	3 German 4
4 German 4	5 German 4	6 German 4

JUNIOR YEAR.

Make up sixteen hours; electing only one study from the bracketed group.

First Term.	Second Term.	Third Term.
7 Greek 4	8 Greek 4	9 Greek 4
7 Latin 4	8 Latin 4	9 Latin 4
4 Chemistry 4	5 Chemistry 4	
		Mineralogy 4
4 Biology 4	5 Biology 4	6 Biology 4
1 *Physics* 4	2 *Physics* 4	3 Physics 4
7 Mathematics 4	8 Mathematics 4	9 Mathematics 4
2 Logic and Public Speaking 4	3 Public Speaking 4	1 English 4
1 Biblical Lit. 4	2 Biblical Lit. 4	
1 French 4	2 French 4	3 French 4
4 French 4	5 French 4	6 French 4
1 German 4	2 German 4	3 German 4
4 German 4	5 German 4	6 German 4
1 Italian 4	2 Italian 4	3 Italian 4
1 History 4	2 History 4	3 History 4
		1 Philosophy 4

SENIOR YEAR.

Make up fifteen hours; electing only one study from the bracketed group.

First Term.	Second Term.	Third Term.
10 Greek 3	11 Greek 3	12 Greek 3
10 Latin 3	11 Latin 3	12 Latin 3
1 Sanskrit 4	2 Sanskrit 4	3 Sanskrit 4
6 Chemistry 3	7 Chemistry 3	8 Chemistry 3
1 Geology 4	2 Geology 4	3 Geology 4
		7 Biology 4
4 Physics 3	5 Physics 3	6 Physics 3
1 Astronomy 4		2 Astronomy 4
	Polit. Ethics 4	
Debates 1	*Debates* 1	*Debates* 1
2 English Lit. 4	3 English Lit. 4	4 English Lit. 4
		3 Biblical Lit. 4
4 French 4	5 French 4	6 French 4
4 German 4	5 German 4	6 German 4
		Internat. Law
1 Polit. Econ. 4	2 Polit. Econ. 4	3 Polit. Econ. 4
1 Italian 4	2 Italian 4	3 Italian 4
4 History 3	5 History 3	6 History 3
2 Philosophy 4	3 Philosophy 4	4 Philosophy 4

* Human Anatomy and Physiology take the place of Chemistry for the first eight weeks. Mathematics ma be dropped at this time to take Chemistry.

Synopsis of the Course of Study

FOR THE DEGREE OF BACHELOR OF SCIENCE.

NOTE. — For details as to topics, text-books, and methods of work in each subject, consult pp. 28 to 45. The figure prefixed to a study indicates the term of the study in its course, and the figure following indicates the number of hours a week devoted to the study. Required studies are italicized.

Courses in science are elected for the entire year unless a specific statement makes the course an exception to this rule. Each student will take two courses in Natural Science or Mathematics throughout Junior and Senior years. The two terms of Astronomy with the term in Ethics will be taken as the equivalent of one such course in Senior year.

All candidates before receiving the degree of B. S. must give satisfactory evidence of ability to use French prose freely; all candidates will complete the second year's course in German; each will complete the second year's course in French, unless an examination at the close of the second term shall give evidence of such acquirement as shall excuse the candidate from the third term of the course.

FRESHMAN YEAR.

Take eight hours from the bracketed group.

First Term.	Second Term.	Third Term.
1 *Mathematics* 4	2 *Mathematics* 4	3 *Mathematics* 4
1 *Biology* 4	2 *Biology* 4	3 *Biology* 4
Declamation 1	*Declamation* 1	
Hygiene 1		
	1 *Rhetoric* 1	2 *Rhetoric* 1
1 Latin * 4	2 Latin * 4	3 Latin * 4
1 French 4	2 French 4	3 French 4
4 French 4	5 French 4	6 French 4
1 German 4	2 German 4	3 German 4
4 German 4	5 German 4	6 German 4

SOPHOMORE YEAR.

Make up sixteen hours, taking eight hours from the bracketed group.

First Term.	Second Term.	Third Term.
3 Rhetoric 4	4 Rhetoric 4	5 Rhetoric 4
Human Anatomy,† 4		1 Logic and Public Speaking 4
1 *Chemistry*	*Declamation* 1	
	2 *Chemistry* 4	3 *Chemistry* 4
4 Mathematics 4	5 Mathematics 4	6 Mathematics 4
4 Biology 4	5 Biology 4	6 Biology 4
1 French 4	2 French 4	3 French 4
4 French 4	5 French 4	6 French 4
1 German 4	2 German 4	3 German 4
4 German 4	5 German 4	6 German 4

JUNIOR YEAR.

Make up sixteen hours.

First Term.	Second Term.	Third Term.
1 *Physics* 4	2 *Physics* 4	3 *Physics* 4
4 Mathematics 4	5 Mathematics 4	6 Mathematics 4
7 Mathematics 4	8 Mathematics 4	9 Mathematics 4
4 Chemistry 4	5 Chemistry 4	
		Mineralogy 4
4 Biology 4	5 Biology 4	6 Biology 4
2 Logic and Public Speaking 4	3 Public Speaking 4	1 English Lit. 4
4 French 4	5 French 4	6 French 4
4 German 4	5 German 4	6 German 4
1 History 4	2 History 4	3 History 4
1 Biblical Lit. 4	2 Biblical Lit. 4	
		1 Philosophy 4

SENIOR YEAR.

Make up fifteen hours.

First Term.	Second Term.	Third Term.
4 Physics 3	5 Physics 3	6 Physics 3
	Polit. Ethics 4	
7 Mathematics 4	8 Mathematics 4	9 Mathematics 4
6 Chemistry 3	7 Chemistry 3	8 Chemistry 3
1 Astronomy 4		2 Astronomy 4
1 Geology 4	2 Geology 4	3 Geology 4
Debates 1	*Debates* 1	*Debates* 1
2 English Lit. 4	3 English Lit. 4	4 English Lit. 4
1 Polit. Econ. 4	2 Polit. Econ. 4	3 Polit. Econ. 4
		Internat. Law 4
4 History 3	5 History 3	6 History 3
		3 Biblical Lit. 4
2 Philosophy 4	3 Philosophy 4	4 Philosophy 4

* Open only to those who present the maximum requirement for admission in Latin.

† Human Anatomy and Physiology take the place of Chemistry for the first eight weeks.

Courses and Degrees.

THE REGULAR COURSES.

The departments of collegiate instruction are grouped in six general sections: —

(1) The Section of Philosophy.
(2) The Section of Ancient Languages.
(3) The Section of English.
(4) The Section of Modern Languages.
(5) The Section of Mathematics.
(6) The Section of Natural Science.

In each of these sections the grade of the scholarship of each student is recorded on the scale of units from 1 to 5. Every student who has completed his work in each section may be admitted to the degree of Bachelor of Arts,[1] or Bachelor of Science,[1] and receive a diploma in testimony of the same. If his average scholarship be represented by the number 2, his diploma is given *rite;* if by 3, *cum laude;* if by 4, *magna cum laude;* and if by 5, *summa cum laude.* No student is entitled to a diploma whose work in any section is incomplete. Such student may, however, receive a certificate of his actual attainments in such partial course.

THE SPECIAL COURSE.

Persons who do not wish to pursue the course prescribed for the degree of Bachelor of Arts, or Bachelor of Science, are, when approved by the Faculty, admitted to the privileges of the College, and permitted to pursue a select course of study. At the end of the course, a certificate of their attainments may be received from the President.

THE DEGREE OF MASTER OF ARTS.

The degree of Master of Arts in course is conferred only on condition that the candidate, already a Bachelor of Arts, has completed a course of liberal study, approved by the Faculty, sufficient in amount to constitute a fifth year of College work.

By continuous residence at College candidates may fulfil the above condition in one year after graduation. Resident candidates pay the regular tuition of undergraduates and a diploma fee of five dollars.

In cases of partial non-residence at least two years, and of entire non-residence three years will be requisite, and the candidate must present satisfactory vouchers that he has completed a course of liberal studies equivalent to one year's College work, or in default of this pass an examination on the same, and must pay a diploma fee of ten dollars.

[1] For detailed account of the work of these courses, see pp. 28, 46, and 47.

(*a*) A three years' course of professional study at a school of theology, law, or medicine, of approved standing, or (*b*) three years spent in teaching the higher branches in a classical or scientific school of approved standing, together with evidence of special study of teaching as an art or science, or of some branch of literature, philosophy, history, or science, is considered as fulfilling the requirements of this degree. When the degree is applied for under caption (*b*), it is expected that the candidate will submit evidence of his success in his chosen profession of teaching, and will also submit a satisfactory thesis upon the special subject of study which he has pursued with reference to the degree.

Both resident and non-resident candidates are required to present, not later than June 1, a satisfactory thesis on some subject approved by the Faculty. Graduates of other colleges can receive the degree only on condition of one year's residence and study in Amherst.

THE DEGREE OF DOCTOR OF PHILOSOPHY.

The degree of Doctor of Philosophy, for which only college graduates may be candidates, is recommended on compliance with the following conditions : —

(1) A two years' course of study in two subjects of science or literature, or one subject of each, at this College, under the direction and to the approval of the Professors in the departments to which these subjects belong.

(2) An examination upon these subjects, and a thesis upon one of them, satisfactory to these Professors.

(3) The payment of a tuition-fee of one hundred and ten dollars a year, and a diploma-fee of five dollars.

General College Orders.

TERMS AND VACATIONS.

THE academic year embraces thirty-seven weeks of term-time, and is divided into the Fall Term of fourteen weeks, the Winter Term of twelve weeks, and the Spring Term of eleven weeks. The holiday intermission of two weeks follows the Fall Term ; the Spring vacation of two weeks follows the Winter Term ; and the long vacation of eleven weeks follows the Spring Term.

All the terms begin on a Thursday, the Fall Term at half-past eight o'clock A.M., and the Winter and Spring Terms at half-past eleven o'clock

A.M. All the terms end on a Tuesday at half-past eleven o'clock A.M.; the Spring Term on the day before Commencement.

Commencement-day is the last Wednesday of June.

EXERCISES OF THE TERM.

A printed schedule of the exercises of the College is published at the beginning of every term. On Wednesday and Saturday afternoons all exercises are suspended.

RELIGIOUS CULTURE.

The College, while not sectarian, is distinctively Christian. When the first building was dedicated, and the first President and Professor were inaugurated, "the promotion of the religion of Christ" was declared to be the special object of the undertaking, and this still remains the first and chief aim of the College. Endeavoring to provide the best means for the highest attainable culture, it also seeks to aid its students in the formation of a character of Christian manliness and in the preparation for a life of Christian usefulness.

The Christian life of the College finds expression through the College Church and the College Young Men's Christian Association. Two services for public worship are held in the College Church every Sunday, and there are prayers in the Chapel every week-day morning at eight o'clock. Every Thursday evening there is a prayer-meeting of the College Church, and every Tuesday evening a meeting of the Y. M. C. A. There are class prayer-meetings regularly after the vesper service of Sunday afternoon.

In lieu of attendance upon the Sunday services of the College Church, any student is, on application to the Dean, permitted to attend church services elsewhere with the denomination with which he may be connected. If the student is under twenty-one years of age, his application must be accompanied with a request from his parent or guardian.

PHYSICAL CULTURE.

The department of hygiene and physical education is under the charge of two physicians, who keep themselves acquainted with the health of all the students. Each student, soon after he enters the College, and twice thereafter during his collegiate course, is minutely examined in reference to his strength and physical condition, and advised as to the particular course he should take for the maintenance and increase of his health and strength. A manual of average measurements, together with a record of his own measurements, is given him, and he is also directed to the most advantageous use of the ample appliances with which the PRATT GYMNASIUM is provided.

Besides the exercise which every student may take by himself, the members of each class regularly exercise together in the gymnasium every week-day, excepting Wednesday and Saturday. Unless excused for physical disability, the attendance of every student is required at the gymnasium for the performance of the exercises in light gymnastics.

The results of the system of prescribed gymnastic training pursued in the College have been eminently satisfactory. While physiologists affirm that, as a general rule, the health of a young man from fifteen to twenty-five years of age is apt to decline, the reverse rule is found to prevail with students here. From statistics systematically kept for more than twenty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class, best of all. This average, moreover, is shown to come from the improvement in the physical condition of the individual student, and not from the absence of those who drop out of the course because physically too weak to complete it.

DORMITORIES.

South College has been rebuilt, on the general plan of a separate study and bedroom, the arrangement of rooms allowing a choice in suites of rooms differently arranged for one, two, or three students. A spacious cellar now insures perfect ventilation of the building, steam heat has been introduced into all the bedrooms and studies, while handsome tiled open fireplaces are retained in most of the rooms. The partitions and ceilings are entirely new, the floors are of carefully matched hard wood which may be used with rugs without carpets. Water has been carried throughout the building, the halls are lighted by gas, and the prices named for room-rent include heat, water, and limited care of the rooms by a capable man. These rooms rent for from $35 (for one student) to $125 (for two students) per year.

A few comfortable rooms, without heat, water, or care, can be had in North College at lower prices.

EXPENSES.

The following is a summary of the principal necessary expenses of a student during a collegiate year, exclusive of vacations: —

General term-bill, including tuition, library, gymnasium, and all ordinary incidentals	$110.00	$110.00
Room-rent in College, from $4.00 to $20.00 each term . .	12.00	60.00

Room-rent in private houses, per annum	[30.00]	[60.00]
Fuel and lights	12.00	18.00
Board, from $3.00 to $6.00 per week	114.00	228.00

An additional expense of ten dollars each term in Junior year, and fifteen dollars a term in Senior year, is incurred by students who elect work in the Chemical Laboratory. The expenses for room-rent, fuel, and lights, are estimated on the supposition that two students occupy the same room. A higher rent is charged for a few of the best rooms in the town. There are some expenses which result from taxes voluntarily imposed by the classes or societies. These, and expenses for furniture, books, stationery, etc., will vary according to circumstances and the character and habits of the student.

Information about rooms and boarding-places may be obtained on application to the College Janitor, LANSFORD GATES, at the College, or post-office box No. 80, Amherst, Mass.

PAYMENTS.

A bond, with satisfactory surety for the payment of all College bills, must be given by each student to the Treasurer at the commencement of the term when he enters. One-half of the annual charges is due and payable October 1st, and the balance March 1st.

Fellowships.

The Roswell Dwight Hitchcock Memorial Fellowship, offered by the Alpha Delta Phi fraternity to the Senior class for excellence in history and the social and economical sciences. Two hundred and fifty dollars, to be awarded annually under conditions determined by the Faculty.

The Lincoln Fellowship, of three hundred dollars, awarded annually to a member (or members) of the Senior class, who has shown unusual merit and thorough scholarship in the department of hygiene and physical education. It is to be held during a year of post-graduate work in these branches of study and research.

Prizes.

THE following prizes are offered annually for proficiency in the work of several of the departments of collegiate study: —

IN PHILOSOPHY.

The Moseley Prize Scholarships, one of eighty dollars and one of forty dollars, given by the late THOMAS W. H. MOSELEY of Hyde Park, to members of the Senior class making the highest attainments in the scientific evidences of religion. (These scholarships are temporarily withdrawn.)

IN GREEK.

The Strong Prizes, given by EDWARD H. STRONG of Boston: Forty dollars to the best scholar in Greek, and twenty dollars to the second in standing, at the end of the Freshman year.

The Hutchins Prize, given by the late Hon. WALDO HUTCHINS of New York: Sixty dollars to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

IN LATIN.

The Bertram Prizes, of fifty, thirty, and twenty dollars respectively, given by the late JOHN BERTRAM of Salem. In 1892 these prizes will be awarded for the best commentaries, by Seniors, upon certain passages of *The Institutes* of Gaius and Tertullian's *Apology for Christianity*, with an historical introduction upon the origin and earlier development of law Latin and Christian Latin, and an excursus upon the chief characteristics of each, contrasted with the Latin of the golden age of Roman literature.

The Billings Prizes, one of thirty dollars and one of twenty dollars, given by the late PARMLY BILLINGS of Billings, Mont., for highest excellence in the literary Latin of at least two terms of the Senior year.

The Law Latin Prize, of twenty-five dollars, for excellence in the Law Latin of the Senior year.

The Thompson Prizes, one of forty dollars and one of twenty dollars, given by the Rev. WALTER THOMPSON of Garrison's, N. Y., for the highest scholarship in the Latin of the Junior year, together with certain special work.

The Sophomore Prizes, one of twenty-five dollars and one of twenty dollars, for the best examination on portions of the work especially connected with the study of Latin Philology, together with general excellence in the required work of the Sophomore year; and twenty dollars in books for excellence in the daily recitations of the winter and summer terms.

The Freshman Prizes, of thirty, twenty, and ten dollars respectively, for skill in translating Latin at sight. The award of these prizes will generally be determined by the regular sight examinations of the first two terms. In particular cases, however, a special examination may be required.

IN BIBLICAL LITERATURE.

The Junior Prize, of fifty dollars, to be awarded in books selected by the successful candidate, for a high degree of excellence in a special examination, together with an essay of marked ability upon an assigned subject. The subject for the present year is The Literary Features of the Books of Jeremiah and Ezekiel contrasted.

IN ENGLISH.

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late RUFUS B. KELLOGG of Green Bay, Wis., for excellence in declamation.

The Hardy Prizes, the first prize of fifty dollars, the second prize of thirty dollars, given by the late ALPHEUS HARDY of Boston, for improvement in extemporaneous speaking. These prizes are awarded near the conclusion of the collegiate course.

The Hyde Prize of one hundred dollars, given by HENRY D. HYDE of Boston, to that member of the Senior class who may produce the best oration. Composition and delivery are both considered in making the award.

The Bond Prize of one hundred dollars, given by the late EPHRAIM W. BOND of Springfield, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

The Lester Prizes, the first prize of fifty dollars, the second prize of twenty-five dollars, given by GEORGE H. LESTER of Binghamton, N. Y., for excellence in the composition and delivery of orations at a Junior exhibition in oratory.

The Kent Prize in English Literature, of one hundred dollars, given by DANIEL KENT of Leicester, to that one of the English Literature division producing the best thesis upon an assigned subject. The thesis for 1892 may be written upon any one of the following subjects: Swift and Burke in English Politics; English Poetry from Shakespeare to Pope; James Russell Lowell as a Satirist.

The Whiteman Prizes of forty dollars in books, given by Hon. ALONZO J. WHITEMAN of Duluth, Minn., to members of the class in Public Speaking who excel in oratorical composition, the first term of Junior year.

The Leffingwell Prizes of fifty dollars in books, given by ALBERT LEFFINGWELL, M.D., of Cambridge, to members of the class in Public Speaking who excel in oratorical composition, the second term of Junior year.

The Armstrong Prizes of sixty dollars in books, given by COLLIN ARMSTRONG of New York, to members of the Freshman class who excel in composition.

IN MODERN LANGUAGES.

The German Prizes, one of forty dollars and one of twenty dollars, given by heirs of the late SAMUEL D. WARREN of Boston, for the best examination in reading and translating German at sight.

The Italian Prize of sixty dollars, given by the class of 1855, for the highest scholarship combined with the greatest improvement.

IN MATHEMATICS, PHYSICS, AND ASTRONOMY.

The Walker Prize of two hundred dollars, given by the late WILLIAM J. WALKER of Newport, R. I., for excellence in the mathematics of the Sophomore year, as exhibited in both oral and written examinations. One-fourth of the amount is paid at the end of the Sophomore year, and the remainder at the end of a year of graduate study pursued under the direction of the Faculty.

The Porter Prize of thirty dollars, given by the late ELEAZER PORTER of Hadley, for highest scholarship in physics and astronomy. The award is made at the conclusion of the collegiate course, and is determined by the record of all the recitations and examinations in these departments.

IN NATURAL SCIENCE.

The Shepard Mineralogical Prizes, four prizes of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor CHARLES U. SHEPARD, to members of the Senior class for greatest excellence in the department of mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late EDMUND H. SAWYER of Easthampton, for the best work in human anatomy and physiology.

OTHER PRIZES.

The Woods Prize of sixty dollars, given by the late JOSIAH B. WOODS of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the collegiate course.

The Lincoln Prize of one hundred dollars, established in honor of Dr. RUFUS P. LINCOLN of New York, to the class which, during the year, shall most faithfully discharge its duties in the Gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes — the sum of fifty dollars, given by WILLIAM M. LADD of Portland, Oregon, to be divided among undergraduate members of the College for excellence in heavy gymnastic exercises at the annual exhibition.

The Porter Admission Prize of fifty dollars, given by the late ELEAZER PORTER of Hadley, to the candidate who passes the best examination for admission to the Freshman class. The name of the successful candidate, together with that of the school at which, or the instructor with whom, he prepared for College, is published in the catalogue.

PRIZES AWARDED, 1890–91.

THE HUTCHINS PRIZES, (*a*) { (1) to E. W. Capen, (2) to E. W. Lyman, } of the class of 1894.

THE HUTCHINS PRIZE, (*b*) . . . . to A. L. Brainerd, of the class of 1892.

THE BERTRAM PRIZES, . . . { (1) to S. B. Knowlton, (2) to A. H. Cowles, (3) to C. H. Sibley, } of the class of 1891.

THE BILLINGS PRIZE, ... { to A. S. Cooley, to G. S. Stewart, } of the class of 1891.

THE LAW LATIN PRIZE, ... to W. L. Williams, of the class of 1891.

THE THOMPSON PRIZES, . . { (1) to W. C. Hodder, (2) to { A. P. Ball, H.A.Lincoln } } of the class of 1892.

THE SOPHOMORE PRIZES, . . { (1) to H. P. Gallinger, (2) to S. D. Reed, } of the class of 1893.

THE FRESHMAN PRIZES, . . { (1) to L. E. Smith, (2) to W. B. Chase, } of the class of 1894.

THE BIBLICAL LITERATURE PRIZE, . to { T. Coyle, A. A. Ewing, } of the class of 1892.

THE KELLOGG PRIZES, ... { to H. P. Schauffler, of the class of 1893. to E. A. Burnham, of the class of 1894.

THE HARDY PRIZES, ... { (1) to S. B. Knowlton, (2) to N. P. Avery, } of the class of 1891.
Extra prize, . . { (2) to W. S. Marshall, }

THE HYDE PRIZE, ... to C. R. Hyde, of the class of 1891.

THE BOND PRIZE, ... to F. Sherley, of the class of 1891.

THE LESTER PRIZES, ... { (1) to J. H. Grant, (2) to C. E. Hildreth, } of the class of 1892.

THE KENT PRIZE, ... to F. Sherley, of the class of 1891.

THE GERMAN PRIZES, . . . { (1) to L. T. Reed, (2) to F. D. Edgell, } of the class of 1893.

THE FRENCH AND ITALIAN PRIZE, to S. B. Knowlton, of the class of 1891.

THE WALKER PRIZE, ... to W. L. Raub, of the class of 1893.

THE PORTER PRIZE, ... (not awarded.)

THE SAWYER PRIZE, ... to C. P. Emerson, of the class of 1894.

THE WOODS PRIZE, ... to W. L. Williams, of the class of 1891.

THE LINCOLN PRIZE, ... to the class of 1892.

THE PORTER ADMISSION PRIZE, . to W. J. Boardman { of the class of 1895, who prepared for college at St. Johnsbury Academy.

Beneficiary Aid.

THE beneficiary funds of the College are over one hundred and eighty thousand dollars. Except as otherwise provided by the donors, the income of this is distributed, at the discretion of the Faculty, among students of high character and good scholarship but slender means.

Application for such aid should be made to the Registrar, accompanied with satisfactory evidence that it is actually needed, as early as October 1 of each year, the receipt of it for one year not establishing a claim to it for another.

This income is from the following Funds: —

The Charitable Fund, of $83,500, exclusively in aid of those studying for the Christian ministry.

The Stone Scholarship Fund, of $25,000, in awarding the income of which preference is given to sons of missionaries and ministers.

The Hitchcock Scholarship Fund, of $10,000, established by SAMUEL A. HITCHCOCK of Brimfield.

The Whitcomb Scholarship Fund, of $8,000, established by DAVID WHITCOMB and G. HENRY WHITCOMB of Worcester.

The Day Benevolent Fund, of $5,000, by a bequest of MOSES DAY of Boston.

The Seymour Scholarship Fund, of $5,000, by a bequest of JAMES S. SEYMOUR of Auburn, N. Y.

The Farnsworth Scholarship Fund, of $3,000, established by ISAAC D. FARNSWORTH of Boston.

The Knowles Scholarship Fund, of $3,000, by a bequest of LUCIUS J. KNOWLES of Worcester.

The Reed Scholarship Fund, of $2,500, by a bequest of CHARLES THAYER REED of Boston, in memory of his son, CHARLES THAYER REED, JR.

The Persian Scholarship Fund, of $2,000, by a bequest of the Rev. JAMES L. MERRICK of Amherst.

The Charles Merriam Scholarship Fund, of $2,000, established by CHARLES MERRIAM of Springfield.

The Quincy Tufts Scholarship Fund, of $2,000, by a bequest of QUINCY TUFTS of Boston.

The Henry Gridley Scholarship of the Class-of-1862 Fund, of $2,000, established by the Class, in memory of their classmate whose name it bears.

The Alexander H. Bullock Scholarship Fund, of $1,500, established by ALEXANDER H. BULLOCK of Worcester, of the class of 1836.

The Scholarship of the Class-of-1836 Fund, of $1,500, established by the Class.

The Scholarship of the Class-of-1871 Fund, of $1,400, established by the Class.

The Scholarship of the Class-of-1826 Fund, of $500, established by two members of the class.

The J. H. Bigelow Scholarship Fund, of $500, established by J. H. BIGELOW of Worcester.

The Scholarship of the Class-of-1844 Fund, of $500, established by the Class.

Twenty-five scholarship-funds of $1,000 each, as follow: —

The Levi Russell Scholarship Fund, established by LEVI RUSSELL of Hadley.

The Tuttle Scholarship Fund, by bequest of Mrs. SARAH TUTTLE of Wayland.

The George Cook Scholarship Fund, established by GEORGE COOK of Keene, N. H., of the class of 1841.

The Enos Dickinson Scholarship Fund, established by ENOS DICKINSON of Amherst.

The John C. Newton Scholarship Fund, established by JOHN C. NEWTON of Worcester.

The James H. Newton Scholarship Fund, established by JAMES H. NEWTON of Holyoke.

The Johnson Scholarship of the Class-of-1823 Fund, established by A. J. JOHNSON of New York City.

The Southworth Scholarship of the Class-of-1822 Fund, established by WELLS SOUTHWORTH of New Haven, Ct.

The Joseph Carew Scholarship Fund, established by JOSEPH CAREW of South Hadley Falls.

The Gregory Scholarship of the Class-of-1850 Fund, established by JAMES J. H. GREGORY of Marblehead.

The Dolly Coleman Blake Scholarship Fund, by bequest of DOLLY COLEMAN BLAKE of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. MILLER of Montclair, N. J., in memory of her son, J. C. B. MILLER, of the class of 1869.

The Green Scholarship Fund, by a bequest of the REV. HENRY SOLOMON GREEN of Andover, of the class of 1834, as a memorial gift from himself and H. M. GREEN of the class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. ALICE T. MARCH of Newburyport.

The Scholarship Funds, established by and bearing the name of —

The Class of 1831,	The Class of 1855,	The Class of 1861,
The Class of 1839,	The Class of 1856,	The Class of 1865,
The Class of 1845,	The Class of 1857,	The Class of 1869.
The Class of 1849,	The Class of 1858,	

Scholarship-funds yielding the following amounts annually: —

The Moore Scholarships, three, $140 each, founded by the Rev. Dr. MOORE, the first president of the College.

The State Scholarships, three, $45 each.

The Adams Scholarships, three, $40 each, by a bequest of ASAHEL ADAMS of North Brookfield.

Also the following scholarships maintained by annual gifts: —

The Samuel D. Warren Scholarships, two, of $70 each, by heirs of the late SAMUEL D. WARREN of Boston.

The Sayles Scholarship, of $100, by FRED THOMAS SAYLES, of the class of 1881.

The A. Lyman Williston Scholarship, of $75, by A. LYMAN WILLISTON of Northampton.

The College Library.

THE College library contains fifty-six thousand volumes, selected mainly with reference to the purposes of study and thoughtful reading. The object kept constantly in view is to broaden the scope of the work done both by teachers and students; and the library is therefore well furnished with books of a general and illustrative character, so that any subject may readily be pursued beyond the limits of text-book or monographic treatment.

The funds available for the increase of the library, and restricted to that use, yield an annual income of nearly four thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, well lighted and ventilated, and is supplied with the best foreign and American periodicals. Open shelves contain the encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by the teachers in the different departments. The librarian also lectures to the different classes from time to time on the use of the library and on general bibliography.

Members of the College are allowed free access, under a few necessary limitations, to the book-shelves in the main library-room. In each section of the room chairs and tables near the shelves furnish facilities for the use of the books, and the librarian and assistants are ready to give each applicant all needed assistance in any line of reading or research. By this means students gradually become familiar with the use of a library, and acquire something of the bibliographic sense indispensable to the genuine scholar. In addition to the use of the books in the library-building, each student is permitted to have out three volumes at a time.

During term-time the College library is open from 8.45 A.M. to 5 P.M., and the reading-room from 8.45 A.M. to 9.30 P.M., every day, with the exception of Sundays and holidays. During the vacations the library and its reading-room are opened regularly once a week, at an hour convenient to the librarians.

By vote of the trustees, the library-building now bears the name of THE HENRY T. MORGAN LIBRARY, in recognition of the munificent bequests of the late HENRY T. MORGAN of New York.

A number of slabs, sculptured in the earliest style of the Assyrian art, about 900 B.C., and obtained by the late Dr. HENRY LOBDELL from the palace-walls of Sardanapalus at Nimroud, are in the porch of the LIBRARY.

The Mather Collection of Art.

The College is furnished with a large collection of casts of statuary, illustrating the leading periods of historical sculpture. It comprises over fifty statues and groups from the antique, as well as illustrations of the works of Michel Angelo, Canova, and Thorwaldsen, all of the size of the originals. It was gathered chiefly through the agency of the late Professor RICHARD H. MATHER, D. D., and it has been named by the Trustees in his honor.

The collection has also nearly as many statuettes and busts illustrating the same subjects, besides copies of the most important antique bas-reliefs, including the Panathenaic frieze from the Parthenon, which encircles the hall containing the casts.

In addition to the above, there are full-sized casts of the Ghiberti gates at Florence, and of Crawford's doors of the Capitol at Washington.

The Collection occupies the third floor of WILLISTON HALL, and is open every week-day from the middle of May to December 1, from 9 o'clock A.M. to 5 o'clock P.M. During the winter months visitors are admitted by applying to the custodian.

Laboratories and Apparatus.

NEW laboratories for Chemistry and Physics are to be this year erected upon the land recently added to the College campus by the gift of the Boltwood Estate. They will cost, when equipped, about $100,000.

The present equipment of physical apparatus is particularly adapted to the purposes of lecture illustration and is unusually complete.

The Biological laboratory has this year been enlarged by additions which double its capacity, affording ample opportunity for practical work for all the students in the department.

The Observatory.

The AMHERST COLLEGE OBSERVATORY is equipped with a seven-and-one-quarter-inch telescope by ALVAN CLARK, an alt-azimuth instrument, a transit instrument with the usual accessories for meridian observations, surveying and engineering instruments, and a six-and-one-half-inch transit instrument by

PISTOR & MARTINS. While a small amount of original research is regularly maintained at the Observatory, it is at present chiefly employed for educational purposes. Connected with the Observatory is the division of practical meteorology, in which observations of the chief meteorological elements are systematically conducted in continuance of the work begun in 1835 by the late Professor E. S. SNELL, and which has been maintained without interruption to the present time.

The Natural History Collections.

The WOODS CABINET is named in honor of the Hon. JOSIAH B. WOODS of Enfield, its principal donor. It contains all the geological collections of the College, consisting of the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection; comprising in all about 25,000 specimens.

In the APPLETON CABINET, named from the Hon. SAMUEL APPLETON of Boston, are the Hitchcock ichnological collection, the Gilbert museum of Indian relics, and the Adams zoölogical collection.

In the ichnological collection, named after President HITCHCOCK, are to be found about 1400 specimens, containing at least 20,000 tracks of animals in stone, together with plaster and clay casts of tracks of living and extinct species of animals. The museum of Indian relics receives its name from the Hon. GEORGE H. GILBERT of Ware, by whose liberality it was mainly established. It comprises about 3500 specimens of the stone implements of extinct Indian tribes, principally those who lived in the Connecticut Valley. The zoölogical collection was originally gathered and arranged by Professor CHARLES B. ADAMS. It comprises prepared specimens of animals and their habitations, and dried plants, representing all the great groups of the animal and vegetable kingdoms. In the department of shells it is particularly extensive and valuable. A collection in comparative osteology, and the clastic models of AUZOUX are incorporated with the zoölogical collection. The collections arranged in these several cabinets contain more than 100,000 specimens of the animal, mineral, and vegetable kingdoms.

By the gift of the Hon. ELBERT E. FARMAN, LL. D., of Warsaw, N. Y., the College possesses the celebrated collection of birds made by AUDUBON, amounting in all to about six hundred specimens. Many of these are the typical specimens by which the species were determined, and about one hundred have been mounted for exhibition in the APPLETON CABINET. Also, there have been added to this collection by the same donor several of the rarer California birds which have been discovered since the death of AUDUBON.

The cabinets are open to the public every week-day, from ten to eleven o'clock A.M., and from three to four o'clock P.M.

The Gymnasium.

The new building bears the name of the PRATT GYMNASIUM, in honor of CHARLES M. PRATT of Brooklyn, N. Y., its chief donor. The main hall affords ample space for a class of one hundred members to receive drill-practice with light dumb-bells, and to execute certain marching movements. The equipment of specialized apparatus is complete, and enables a large number of students to take individual and voluntary exercise simultaneously. The facilities of the dressing-room and the bathing-rooms are abundant.

On the main floor are the rooms of the Professor of Hygiene, and apartments for the examination and measurement of the students, well equipped with the necessary anthropometric apparatus for this purpose. The two physicians of the College are in daily attendance, to give their personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a billiard-room, open during a portion of each week-day. In the basement are the bowling-alleys, a sparring-room, an area for the use of the Indian clubs, and ample space for practice at the game of base-ball. During term-time the gymnasium is open every week-day from 8.15 o'clock A.M. to 6 o'clock P.M.

Pratt Field and Recreation Grounds.

PRATT FIELD, an area of about thirteen acres, less than a third of a mile from the College Chapel, and superbly located on the eastern slope of the Connecticut valley, is a gift to the College from FRED B. PRATT of Brooklyn, N. Y., a graduate of the class of 1887. Immediately connected with this field is HALLOCK PARK, an original forest of six acres. These grounds are not intended merely for those who compete in the games of the College, but are arranged for the out-door recreation of all the students of the College. The control of the field and of the financial matters of the athletic associations of the College is vested in "The Amherst College Athletic Association," a Board which consists of representatives of the Alumni, the Faculty, and the Undergraduates.

The field for athletics has been graded to an exact level. It is provided with cinder-tracks and courses for the field contests of modern athletics; and ample provision is made for the base-ball diamond and the foot-ball grounds, and for lawn-tennis courts. The grand stand will seat about four hundred, and furnish standing room for as many more. Provision is made for the needs of those who use the grounds, in reception-rooms, bath-rooms, store-rooms, etc. To give to the College a beautiful and commodious field, for rendering thoroughly enjoyable the out-of-door exercise which Amherst encourages in physical training, has been the aim of the donor.

THE

Inauguration of President Gates,

WEDNESDAY, JUNE 24, 1891.

IN COLLEGE HALL, AT TEN-THIRTY O'CLOCK,

THE REV. DR. RICHARD SALTER STORRS, of the Board of Trustees,
Presiding.

MUSIC.

Prayer by

THE REV. PROFESSOR WILLIAM SEYMOUR TYLER, D. D., LL. D.

HYMN.

Address on the part of the Trustees by

THE REV. RICHARD SALTER STORRS, D. D., LL. D.

Delivery of the Keys, Charter, and Seal by

EX-PRESIDENT JULIUS HAWLEY SEELYE, D. D., LL. D.

Inaugural Address by

PRESIDENT MERRILL EDWARDS GATES, PH. D., LL. D., L. H. D.

BENEDICTION.

A volume commemorative of the day, and containing the Inaugural Address, is in press and will be sent to the Alumni of the College.

THE SEVENTIETH

Commencement of Amherst College,

THURSDAY, JUNE 25, 1891.

Order of Exercises.

MUSIC.

PRAYER BY THE PRESIDENT.

(1) ELLIS R. SMITH . . . . *The Mission of the Coming Century.*
(2) FREDERICK SHERLEY . . . . . *The Kingship of the Citizen.*
(3) CHARLES N. THORP . . *Why the American should Study Greek.*
(4) ROBERT S. WOODWORTH . . . . *The Teacher's Opportunity.*

MUSIC.

(5) ARTHUR S. COOLEY . . . . . *The Debt of Science to Missions.*
(6) HERBERT M. CHASE, *The Problems of the Future and their Masters.*
(7) NATHAN P. AVERY . . . . . *The Scholar and the State.*
(8) RALPH W. CROCKETT,
The Career and Character of William T. Sherman.

MUSIC.

THE CONFERRING OF DEGREES.

PRAYER.

Degrees Conferred in 1891.

HONORARY DEGREES.

LL. D. — President Henry Hill Goodell.
Hon. John Elliott Ward.

D. D. — Rev. Samuel Hopkins Emery.
Rev. Bradford Morton Fullerton.
Rev. Albert Josiah Lyman.

DEGREES IN COURSE.

M. A. — Rev. Clarence Wyatt Bispham, B. A. (1888).
Charles Lincoln Bliss, B. A. (1888), M. D.
Fred Leslie Chapman, B. A. (1888).
Sidney Avery Clark, B. A. (1888), M. D.
Rev. Daniel Herbert Colcord, B. A. (1878).
James Romeyn Danforth, Jr., B. A. (1888).
William Bates Greenough, B. A. (1888).
Rev. William Greenwood, B. A. (1871).
Rev. Edward Payson Holton, B. A. (1887).
Rev. David Lyman Kebbe, B. A. (1888).
William Seagrove Magill, B. A. (1887).
William Tyler Mather, B. A. (1886).
Rev. Charles Sumner Nash, B. A. (1877).
William Morton Prest, B. A. (1888), LL. B.
Garret William Thompson, B. A. (1888).
George Parsons Tibbets, B. A. (1885).

B. A. — Frederick Randolph Abbe.
Frank William Allen.
Nathan Prentice Avery.
Rufus Mather Bagg, Jr.
George Stedman Bennett.
Frank Barna Bigelow.
Edward Williams Blatchford.
Arthur Trull Boutwell.
Henry Walcott Boynton.
Theodore Breck.
Arthur Sumner Burrill.
Arthur Beebe Chapin.

B. A. — Herbert Morgan Chase.
Clinton Clark.
Ernest Ralph Clark.
Arthur Stoddard Cooley.
Alton House Cowles.
Harry Clinton Crocker.
Ralph Wardlaw Crockett.
Frank Elihu Crosier.
Harry Alonzo Cushing.
Nathaniel Abalino Cutler.
Milton Arthur Dixon.
Edward Arthur Dodd.

B. A. — H Winslow Edwards.
John Marshall Willoughby Farnham.
Sidney Robert Fleet.
Henry Stewart Gane.
Harry Nelson Gay.
George Henry Hale.
Howard Dexter Hammond.
Joseph Gilbert Hastings.
Frederick Hills Hitchcock.
Clarence Reginald Hyde.
Samuel Allen Jacobs.
Harry Foster Jones.
Daniel Rowland Knight.
Stephen Brown Knowlton.
George Locke Leonard.
Herbert Lewis.
Herbert James Lyall.
Edward Barton McFadden.
William Starkweather Marshall.
Oliver Boutwell Merrill.
Charles Henry Miles.
Edward Lyman Morris.
George Albert Morse.

B. A. — Andrew Henry Mulnix.
Waldo Edwards Nason.
Edwin Fitch Northrup.
Isaiah Lovell Pickard.
Albert Hale Plumb, Jr.
Sartell Prentice, Jr.
Frederick Sherley.
Charles Herbert Sibley.
D Edmund Smith.
Ellis Robinson Smith.
Homer Smith.
George Sawin Stewart.
Herbert Kendall Stiles.
John Timothy Stone.
Fred Hamilton Tarr.
Charles Nicholas Thorp.
Frank Monroe Tiffany.
Charles Louis Upton.
Albert Hiram Walker.
Frederick Bryant Walker.
Herbert DeWitt Williams.
Waterman Lester Williams.
James Parsons Woodruff.
Calvin Elbridge Woodside.
Robert Sessions Woodworth.

72

B. S.

George Wyatt Cable, Jr.
Harry Lawrence Crane.
Frank Grant High.
Louis Moses King.
Henry Noel Potter.
Jesse Siddall Reeves.
Robert Spurr Weston.

B. A. — (*Extra ordinem*).

Fletcher Dutton Proctor, (1882).

The Alumni.

The General Association.

(*Annual Meeting on Commencement Day.*)

President: Henry D. Hyde, Esq., Boston.
Vice-Presidents:
Hon. Galusha A. Grow, Glenwood, Penn.
Professor Reuben M. Benjamin, Bloomington, Ill.
Mr. Herbert L. Bridgman, Brooklyn, N. Y.
David Hill, Esq., Northampton, Mass.
Mr. George A. Plimpton, New York, N. Y.
Secretary and Treasurer:
Professor William L. Cowles, Amherst, Mass.

The Association of Boston and Vicinity.

President: Rev. Henry J. Patrick, West Newton.
Secretary: Alfred E. Alvord, 113 Devonshire St., Boston.

The Association of New York.

President: Rev. Charles H. Parkhurst, D. D.
Secretary: Mr. Charles M. Pratt, 26 Broadway.

The Association of Lowell.

President: Rev. John M. Greene, D. D.
Secretary: Mr. Charles W. Morey.

The Association of Central Massachusetts.

President: Mr. Daniel Kent, Leicester.
Secretary: Louis E. Denfeld, Esq., Westborough.

The Association of Ohio.

President: Rev. Francis E. Marsten, Columbus.
Secretary: Tod B. Galloway, Esq., 553 E. Town St., Columbus.

The Western Amherst Alumni Association.

President: Hon. John S. Runnells.
Secretary: Mr. Charles M. Nichols, 90 Washington St., Chicago.

The Association of San Francisco and Vicinity.

President: Henry B. Underhill, Esq.
Secretary: Mr. A. E. Whitaker, Mercantile Library.

The Association of Baltimore.

President: Henry S. Stockbridge, Esq.
Secretary: Herbert B. Adams, Ph. D., Johns Hopkins University.

The Northwest Association.

President: Rev. Joseph B. Hingeley, Minneapolis, Minn.
Secretary: Mr. Charles S. Thayer, Minneapolis, Minn.

Young Alumni Association of Boston and Vicinity.

President: Mr. William E. Parker.
Secretary: Mr. Howard Willcox, 106 Pearl St., Boston.

The Connecticut Valley Association.

President: Professor Henry M. Tyler, Northampton.
Secretary: Mr. H. H. Bosworth, 11 Elm St., Springfield.

The Association of Kansas City.

President: John B. Tyler, M. D.
Secretary: Harry B. Perine, American Bank Building.

The Association of Philadelphia and Vicinity.

President: Rev. Daniel W. Poor, D. D.
Secretary: Mr. E. B. Waples, 36 S. 21st St.

The Association of Western Pennsylvania.

President: John A. Emery, Esq.
Secretary: William D. Evans, Esq., 100 Diamond St., Pittsburgh.

The Rocky Mountain Association.

President: Pres't W. F. Slocum, Jr., Colorado Springs.
Secretary: Mr. J. Frank Bickmore, Jacobson Block, Denver.

The Young Alumni Association of New York, Brooklyn, and Vicinity.

President: Starr J. Murphy, Esq.
Secretary: Edwin E. Jackson, Jr., 146 Broadway, New York.

Index.

Administration, 5.
Admission:
  subjects of examinations, 23.
  time, place, and order of examinations, 25.
  by certificate, 26.
  preliminary examinations, 26.
  Porter prize, 26.
  conditions, 26.
  to advanced standing, 26.
Advanced standing, 26.
Aid, Beneficiary, 57.
Alumni, Associations of, 67.
Art, Mather Collection of, 60.
Astronomy, 41.
Bachelor of Arts, Synopsis of course of study leading to degree of, 46.
Bachelor of Science, Synopsis of course of study leading to degree of, 47.
Beneficiary aid, 57.
Biblical Literature, 36.
Biology, 45.
Calendar, 3.
Certificate, Admission by, 26.
Charitable Fund, Overseers of, 7. See Beneficiary aid.
Chemistry, 42.
Citizenship, Duties of, 29.
Commencement, Programme of seventieth, 64.
Conditions, Entrance, 26.
Corporation, 6.
Course of study, 28.
  " " " Synopses of, 46, 47.
  " Special, 48.
Courses, Regular, 48.
Degrees:
  Bachelor of Arts, 48.
  Bachelor of Science, 48.
  Master of Arts, 48.
  Doctor of Philosophy, 49.
  conferred in 1891, 65.
Doctor of Philosophy, Degree of, 49.
Dormitories, 51.
Duties of Citizenship, 29.
English Literature, 35.
Examinations:
  subjects of, 23.
  time, place, and order of, 25.
  preliminary, 26.
  Porter prize, 26.
  for advanced standing, 26.
Expenses, 51.
Faculty, 8.
Fellowships, 53.
French, 38.
Freshman Class, 20.
Geology, 43.
German, 38.
Greek, 32.
Gymnasium, 62.
History, 30.
Hygiene, 44.
Inauguration of President Gates, 63.
International Law, 32.
Italian, 40.
Junior Class, 15.
Laboratories and Apparatus, 60.
Latin, 33.
Lecturers, 10.
Library, 59.
Logic, Rhetoric and Public Speaking, 36.
Master of Arts, Degree of, 48.
Mathematics, 40.
Mineralogy, 43.
Natural History collections, 61.
Observatory, 60.
Organization, 4.
Payments, 52.
Philosophy, 29.
Physical Culture, 50.
  " Education, 44.
Physics, 41.
Political Economy, 31.
Political Ethics, 29.
Porter prize, Examination for, 26.
Pratt Field, 55.
Preachers, College, 11.
Preliminary examinations, 26.
Prizes, 53.
Religious Culture, 50.
Rhetoric, 34.
Sanskrit, 34.
Senate, College, 12.
Senior Class, 13.
Social Science, 29.
Sophomore Class, 18.
Students:
  Graduate, 12.
  Senior Class, 13.
  Junior Class, 15.
  Sophomore Class, 18.
  Freshman Class, 20.
  Summary of, 22.
Terms, 49.
Vacations, 49.